



FCC RADIO TEST REPORT

FCC ID : UZ7FXR6000
Equipment : Industrial Fixed RFID Reader
Brand Name : ZEBRA
Model Name : FXR6000
Applicant : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Manufacturer : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Standard : FCC Part 15 Subpart C §15.247

The product was received on May 12, 2026 and testing was started from May 15, 2026 to Aug. 11, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description.....	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Product Specification of Equipment Under Test.....	6
1.3 Modification of EUT	6
1.4 Testing Location	6
1.5 Applicable Standards.....	7
2 Test Configuration of Equipment Under Test.....	8
2.1 Carrier Frequency Channel	8
2.2 Test Mode.....	9
2.3 Connection Diagram of Test System.....	10
2.4 Support Unit used in test configuration and system	11
2.5 EUT Operation Test Setup	12
2.6 Measurement Results Explanation Example.....	12
3 Test Result.....	13
3.1 Number of Channel Measurement	13
3.2 Hopping Channel Separation Measurement	15
3.3 Dwell Time Measurement.....	17
3.4 20dB and 99% Bandwidth Measurement	19
3.5 Output Power Measurement.....	22
3.6 Conducted Band Edges Measurement.....	24
3.7 Conducted Spurious Emission Measurement	27
3.8 Radiated Band Edges and Spurious Emission Measurement	29
3.9 AC Power Line Conducted Emissions Measurement.....	33
3.10 Antenna Requirements.....	35
4 List of Measuring Equipment	36
5 Measurement Uncertainty	38
Appendix A. AC Conducted Emission Test Result	
Appendix B. Radiated Spurious Emission	
Appendix C. Duty Cycle Plots	
Appendix D. Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FR590225-02	01	Initial issue of report	Sep. 30, 2026
FR590225-02	02	1. Revise section 1.1. about Specification of Accessories 2. Add Remark in section 1.2 3. Revise section 3.10.2 This report is an update version, replacing the report issued on Sep. 30, 2026.	Oct. 07, 2026



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(a)(1)	Number of Channels	Pass	-
3.2	15.247(a)(1)	Hopping Channel Separation	Pass	-
3.3	15.247(a)(1)	Dwell Time of Each Channel	Pass	-
3.4	15.247(a)(1)	20dB Bandwidth	Pass	-
3.4	2.1049	99% Occupied Bandwidth	Pass	-
3.5	15.247(b)(1)	Output Power	Pass	-
3.6	15.247(d)	Conducted Band Edges	Pass	-
3.7	15.247(d)	Conducted Spurious Emission	Pass	-
3.8	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Pass	3.17 dB under the limit at 7318.000 MHz
3.9	15.207	AC Conducted Emission	Pass	5.78 dB under the limit at 0.4268 MHz
3.10	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Wei Chen

Report Producer: Freda Wu



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Industrial Fixed RFID Reader
Brand Name	ZEBRA
Model Name	FXR6000
Sample 1	FXR60000-400200 4-Port RFID Ethernet (Standard)
Sample 2	FXR60000-800200 8-Port RFID Ethernet (Standard)
FCC ID	UZ7FXR6000
EUT supports Radios application	WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 WLAN 11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE RFID
HW Version	EV
SW Version	3.1.10-90
MFD	10APR26
EUT Stage	Identical Prototype

Remark: The EUT's information above is declared by manufacturer.

Specification of Accessories				
CBL: USB-C TO USB-C LOCKING CONNECTOR, 3M	Brand Name	ZEBRA	Model Name	CBL-USBCCL0K03-USBC
CBL: RF, FAKRA JACK STRAIGHT TO TYPE-N PLUG STRAIGHT, LMR-240, 60"	Brand Name	ZEBRA	Model Name	CBLRD-1F6000600N
CBL: RF, FAKRA JACK STRAIGHT TO TYPE-N PLUG STRAIGHT, LMR-240, 120"	Brand Name	ZEBRA	Model Name	CBLRD-1F6001200N
CBL: RF, FAKRA JACK STRAIGHT TO TYPE-N PLUG STRAIGHT, LMR-240, 180"	Brand Name	ZEBRA	Model Name	CBLRD-1F6001800N
CBL: RF, FAKRA JACK STRAIGHT TO TYPE-N PLUG STRAIGHT, LMR-240, 240"	Brand Name	ZEBRA	Model Name	CBLRD-1F6002400N
CBL: RF, FAKRA JACK STRAIGHT TO TYPE-N PLUG STRAIGHT, LMR-240, 360"	Brand Name	ZEBRA	Model Name	CBLRD-1F6003600N
CBL: RF, FAKRA JACK STRAIGHT TO SMA-FEMALE PLUG STRAIGHT, LMR-240, 60"	Brand Name	ZEBRA	Model Name	CBLRD-1F6000600S
CBL: RF, FAKRA JACK STRAIGHT TO SMA-FEMALE PLUG STRAIGHT, LMR-240, 120"	Brand Name	ZEBRA	Model Name	CBLRD-1F6001200S
CBL: RF, FAKRA JACK STRAIGHT TO SMA-FEMALE PLUG STRAIGHT, LMR-240, 180"	Brand Name	ZEBRA	Model Name	CBLRD-1F6001800S
CBL: RF, FAKRA JACK STRAIGHT TO SMA-FEMALE PLUG STRAIGHT, LMR-240, 240"	Brand Name	ZEBRA	Model Name	CBLRD-1F6002400S
CBL: RF, FAKRA JACK STRAIGHT TO SMA-FEMALE PLUG STRAIGHT, LMR-240, 360"	Brand Name	ZEBRA	Model Name	CBLRD-1F6003600S
Indoor AC-DC PSU	Brand Name	ZEBRA	Model Name	PWR-BGA24V78W6WW
External RFID Antenna	Brand Name	ZEBRA	Model Name	AN480
BT/WLAN_External Antenna	Brand Name	Amphenol	Model Name	ST0228-30-502-A
BT/WLAN_External Antenna	Brand Name	Amphenol	Model Name	ZB511A-02-001-C

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	902.75 MHz ~ 927.25 MHz
Number of Channels	50
Maximum Output Power to Antenna	29.99 dBm (0.9977 W)
20dB Bandwidth	0.084 MHz
99% Occupied Bandwidth	0.080 MHz
Antenna Type / Gain	Internal Antenna: Patch Antenna with gain 4.1 dBi External Antenna: Patch Antenna with gain 6.0 dBi
Type of Modulation	ASK

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.
2. A single external antenna was evaluated, as only one of the multiplexed antenna ports can transmit at a time.

1.3 Modification of EUT

No modifications are made to the EUT during all test items.

1.4 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

FCC designation No.: TW3786

Note: The test site complies with ANSI C63.4 2014 requirement.



1.5 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ FCC Part 15 Subpart C §15.247
- ♦ ANSI C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
902.75-927.25 MHz	1	902.75	28	916.25
	2	903.25	29	916.75
	3	903.75	30	917.25
	4	904.25	31	917.75
	5	904.75	32	918.25
	6	905.25	33	918.75
	7	905.75	34	919.25
	8	906.25	35	919.75
	9	906.75	36	920.25
	10	907.25	37	920.75
	11	907.75	38	921.25
	12	908.25	39	921.75
	13	908.75	40	922.25
	14	909.25	41	922.75
	15	909.75	42	923.25
	16	910.25	43	923.75
	17	910.75	44	924.25
	18	911.25	45	924.75
	19	911.75	46	925.25
	20	912.25	47	925.75
	21	912.75	48	926.25
	22	913.25	49	926.75
	23	913.75	50	927.25
	24	914.25		
	25	914.75		
	26	915.25		
	27	915.75		



2.2 Test Mode

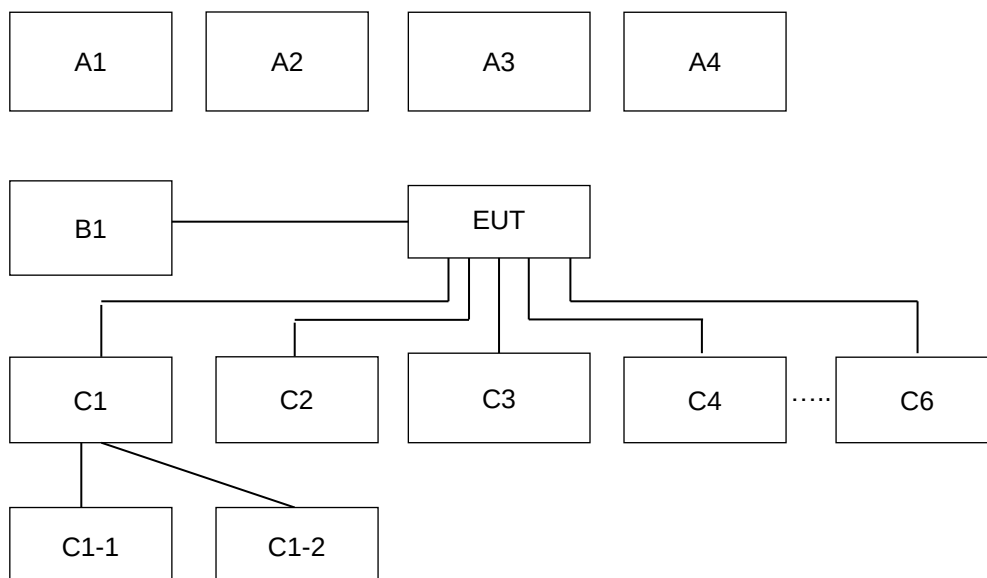
- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

The following summary table is showing all test modes to demonstrate in compliance with the standard.

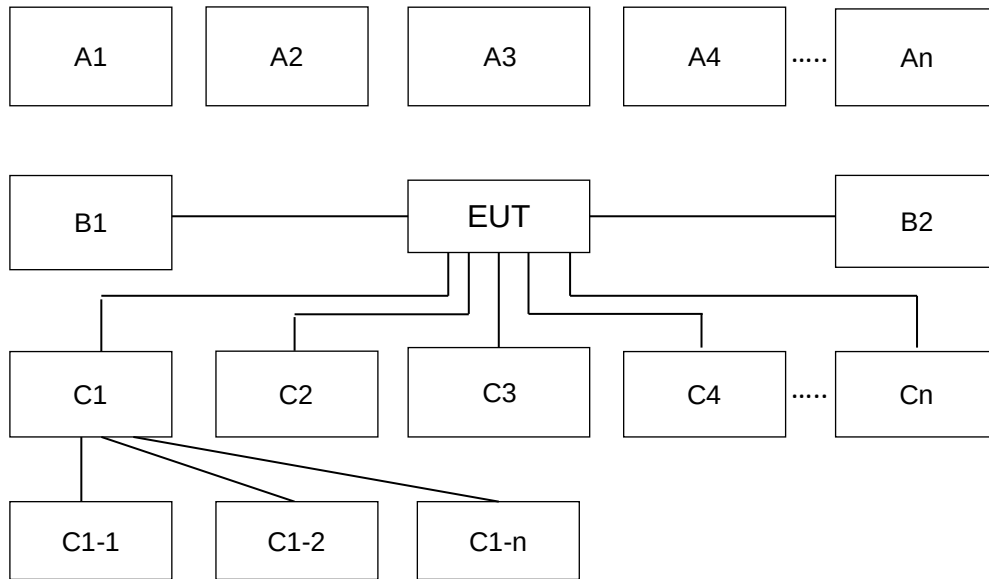
Summary table of Test Cases	
Test Item	UHF RFID
Conducted Test Cases	Mode 1: UHF RFID Tx 902.75 MHz for Sample 5 Mode 2: UHF RFID Tx 902.75 MHz for Sample 1
Radiated Test Cases	Mode 1: UHF RFID Tx 902.75 MHz for Sample 5 Mode 2: UHF RFID Tx 914.75 MHz for Sample 5 Mode 3: UHF RFID Tx 927.25 MHz for Sample 5 Mode 4: UHF RFID Tx 902.75 MHz for Sample 1 Mode 5: UHF RFID Tx 914.75 MHz for Sample 1 Mode 6: UHF RFID Tx 927.25 MHz for Sample 1
AC Conducted Emission	Mode 1: RFID link+ CON-GPIO-FXR6-01 (GPIO Extension)+ PWR-BGA24V78W6WW (Indoor AC-DC PSU)+ RJ45 data link with NB+ USB port 1 load with USB dongle+ USB port 1 load with USB dongle+ CBL-USBCCL0K03-USBC,cable load with NB+ Ext Antenna *8



2.3 Connection Diagram of Test System



Conduction Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			1	-	-	-	-	-	-
A1	Phone	Bluetooth	X	-	-	-	-	-	-
A2	WLAN AP	WiFi	X	-	-	-	-	-	-
A3	Notebook	WiFi	X	-	-	-	-	-	-
A4	RFID Tag	RFID	X	-	-	-	-	-	-
No.	Power Source	Connection Type	1	-	-	-	-	-	-
B1	AC : 120V/60Hz	AC Power Cable	X	-	-	-	-	-	-
No.	Setup Peripherals	Connection Type	1	-	-	-	-	-	-
C1	Notebook	USB Cable	X	-	-	-	-	-	-
C1-1	iPod	USB Cable to C1	X	-	-	-	-	-	-
C1-2	AP router	RJ-45 Cable to C1	X	-	-	-	-	-	-
C2	RFID Antenna	RF Cable	X	-	-	-	-	-	-
C3	USB Dongle*2	USB	X	-	-	-	-	-	-
C4	GPIO Load	GPIO Cable	X	-	-	-	-	-	-
C5	Monitor	HDMI Cable	X	-	-	-	-	-	-
C6	Notebook	RJ45 Cable	X	-	-	-	-	-	-



Radiation TX Test Setup										
No.	Power Source	Connection Type	Test Mode							
			1	2	3	4	5	6		
B1	AC : 110V/60Hz	AC Power Cable	X	X	X	X	X	X		
No.	Setup Peripherals	Connection Type	1	2	3	4	5	6		
C1	External Antenna	SMA	X	X	X					

2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded,1.8m
2.	Notebook	DELL	Latitude 3420	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
3.	iPod	Apple	A1285	DoC	Shielded, 1.0m	N/A
4.	LCD Monitor	ASUS	PB27U	FCC DoC	N/A	Unshielded,1.8m
5.	USB Dongle	Kingston	DTDUO3C	FCC DoC	N/A	N/A
6.	USB Dongle	Kingston	DTDUO3C	FCC DoC	N/A	N/A
7.	RFID Tag	N/A	N/A	N/A	N/A	N/A



2.5 EUT Operation Test Setup

The RF test items, utility "Putty 0.83" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 2.80 dB and 20 dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 2.80 + 20 = 22.80 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 Number of Channel Measurement

3.1.1 Limits of Number of Hopping Frequency

For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies.

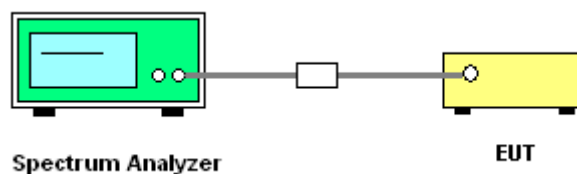
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedure

1. The testing follows ANSI C63.10 clause 7.8.3.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = the frequency band of operation; RBW = 100 kHz; VBW $\geq$ RBW; Sweep = No faster than coupled (auto) time; Detector function = peak; Trace = max hold.
6. The number of hopping frequency used is defined as the number of total channel.
7. Record the measurement data derived from spectrum analyzer.

3.1.4 Test Setup

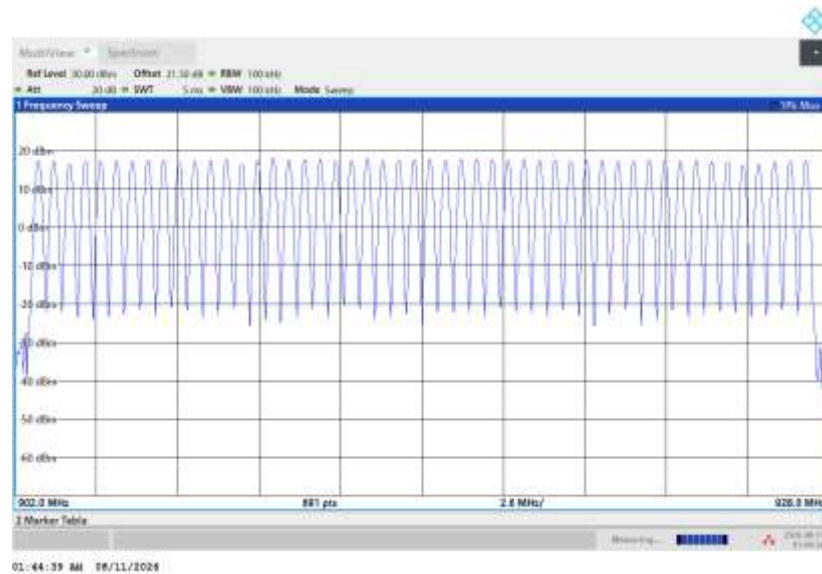




3.1.5 Test Result of Number of Hopping Frequency

Test Mode :	UHF RFID	Temperature :	22~25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51~55%
Number of Hopping (Channel)		Limits (Channel)	Pass/Fail
50		≥ 50	Pass

Number of Hopping Channel Plot on Channel 00 - 49



3.2 Hopping Channel Separation Measurement

3.2.1 Limit of Hopping Channel Separation

Frequency hopping systems operating in the 902.75-927.25 MHz band may have hopping channel carrier frequencies that are 20 dB bandwidth of the hopping channel.

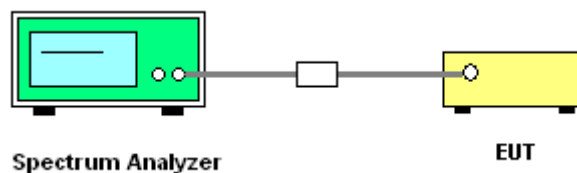
3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.2.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings:
Span = wide enough to capture the peaks of two adjacent channels;
RBW = 100 kHz; VBW $\geq$ RBW; Sweep = No faster than coupled (auto) time; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

3.2.4 Test Setup



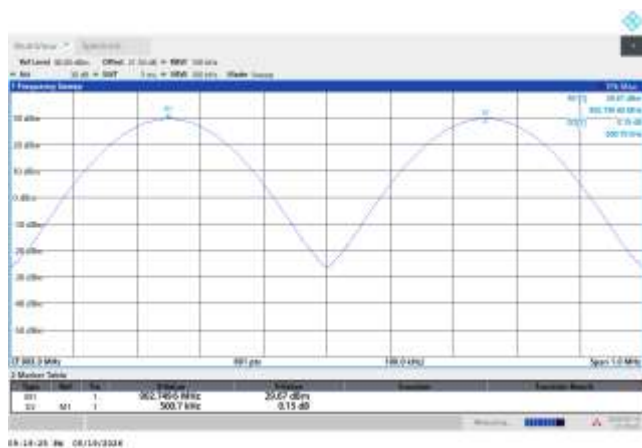


3.2.5 Test Result of Hopping Channel Separation

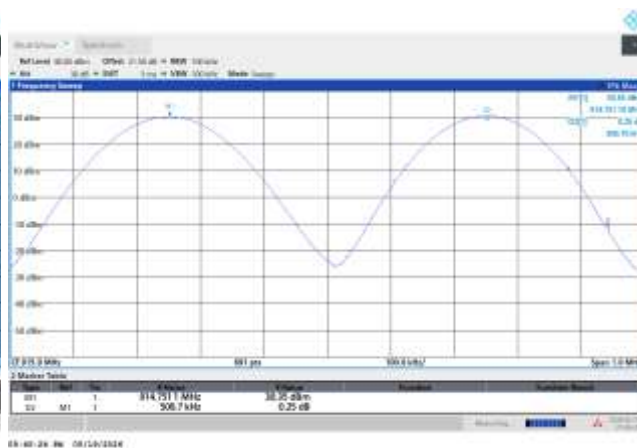
Test Mode :	UHF RFID	Temperature :	22~25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51~55%

Mod.	NTX	Freq. (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
UHF RFID	1	902.75	0.501	0.0841	Pass
UHF RFID	1	914.75	0.501	0.0840	Pass
UHF RFID	1	927.25	0.501	0.0842	Pass

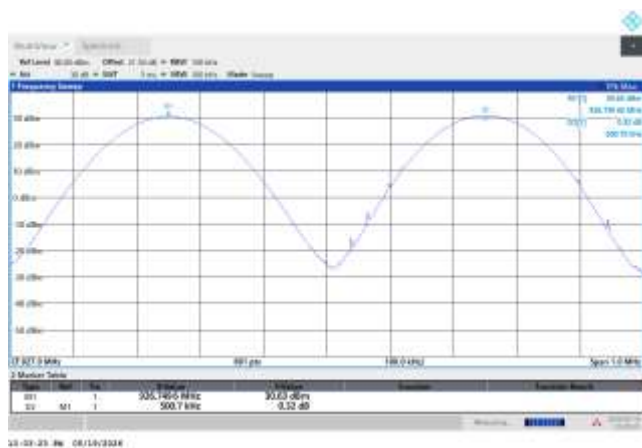
Channel Separation Plot on 902.75 MHz



Channel Separation Plot on 914.75 MHz



Channel Separation Plot on 927.25 MHz



3.3 Dwell Time Measurement

3.3.1 Limit of Dwell Time

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 20 seconds multiplied by the number of hopping channels employed.

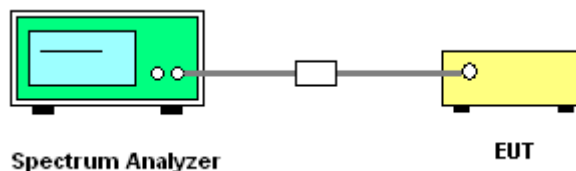
3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.4.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel; RBW = 1 MHz; VBW $\geq$ RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

3.3.4 Test Setup





3.3.5 Test Result of Dwell Time

Test Mode :	UHF RFID	Temperature :	22~25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51~55%

Mod.	Channel Number Rate	Package Transfer Time (msec)	Hops Over Occupancy Time (hops)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Nomal	50	391.00	1.00	0.391	0.4	Pass



Remark: Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time

3.4 20dB and 99% Bandwidth Measurement

3.4.1 Limit of 20dB and 99% Bandwidth

Reporting only

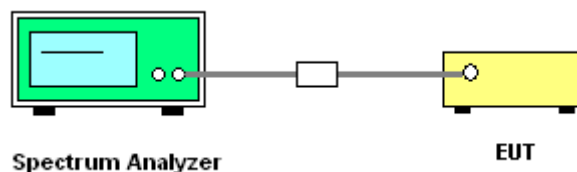
3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.4.3 Test Procedures

1. The testing follows ANSI C63.10 clause 6.9.2 and 6.9.3.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Use the following spectrum analyzer settings for 20 dB Bandwidth measurement.
Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel;
RBW $\geq 1\%$ of the 20 dB bandwidth; VBW $\geq$ RBW; Sweep = auto; Detector function = peak;
Trace = max hold.
5. Use the following spectrum analyzer settings for 99 % Bandwidth measurement.
Span = approximately 1.5 to 5 times the 99% bandwidth, centered on a hopping channel;
RBW $\geq 1\text{--}5\%$ of the 99% bandwidth; VBW $\geq 3 * \text{RBW}$; Sweep = auto; Detector function = peak;
Trace = max hold.
6. Measure and record the results in the test report.

3.4.4 Test Setup



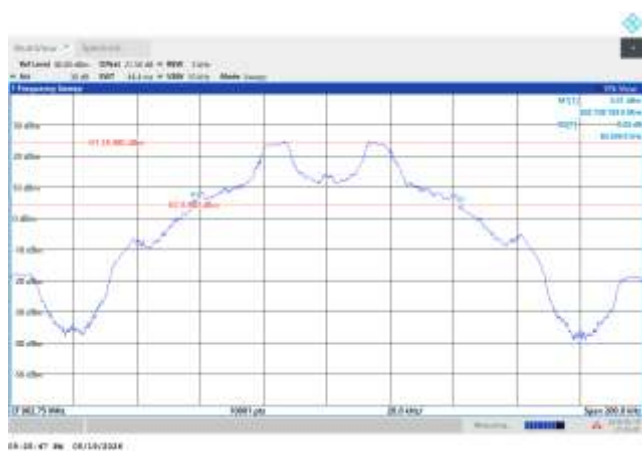


3.4.5 Test Result of 20dB Bandwidth

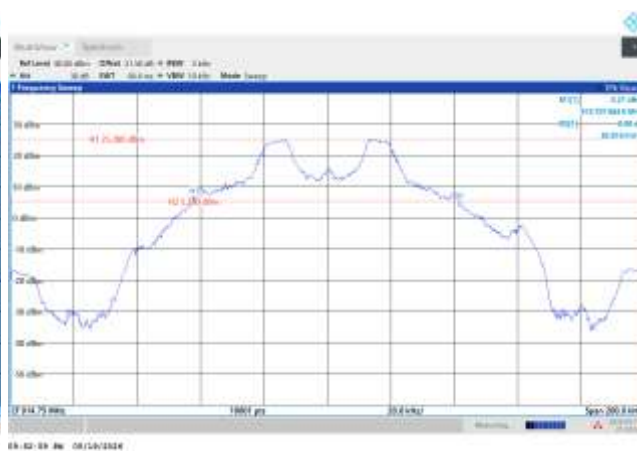
Test Mode :	UHF RFID	Temperature :	22 ~ 25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51 ~ 55%

Mod.	NTX	Freq.(MHz)	20db BW (MHz)	Pass/Fail
UHF RFID	1	902.75	0.084	Pass
UHF RFID	1	914.75	0.084	Pass
UHF RFID	1	927.25	0.084	Pass

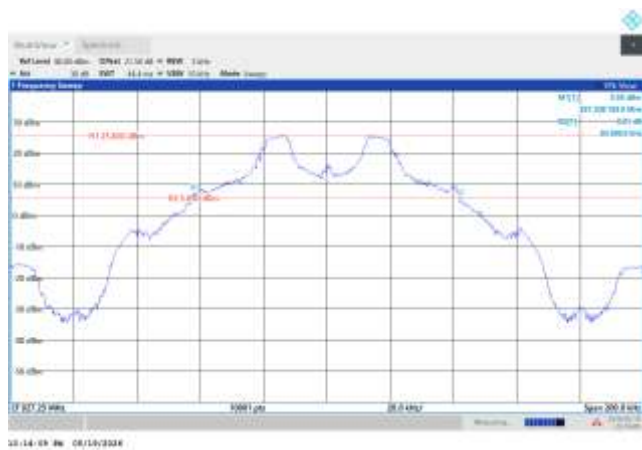
20 dB Bandwidth Plot on 902.75 MHz



20 dB Bandwidth Plot on 914.75 MHz



20 dB Bandwidth Plot on 927.25 MHz





3.4.6 Test Result of 99% Occupied Bandwidth

Test Mode :	UHF RFID	Temperature :	22~25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51~55%

Mod.	NTX	Freq. (MHz)	99% Bandwidth (MHz)	Pass/Fail
UHF RFID	1	902.75	0.079	Reporting Only
UHF RFID	1	914.75	0.079	Reporting Only
UHF RFID	1	927.25	0.080	Reporting Only

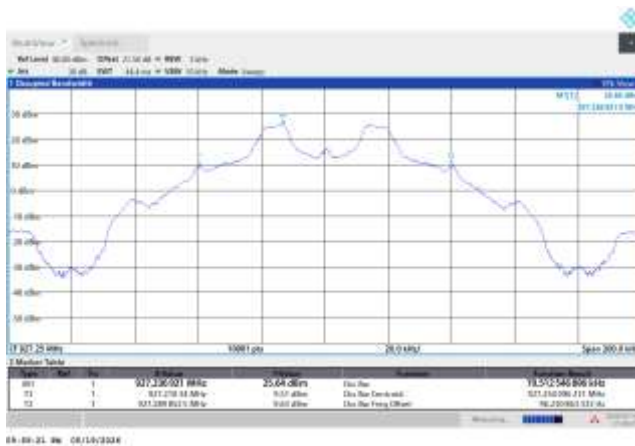
99% Occupied Bandwidth Plot on 902.75 MHz



99% Occupied Bandwidth Plot on 914.75 MHz



99% Occupied Bandwidth Plot on 927.25 MHz



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.5 Output Power Measurement

3.5.1 Limit of Output Power

Section 15.247 (a) Operation under the provisions of this Section is limited to frequency hopping and digitally modulated intentional radiators that comply with the following provisions: (1)(i) For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.

Section 15.247 (b) The maximum peak conducted output power of the intentional radiator shall not exceed the following: (2) For frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and, 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels, as permitted under paragraph (a)(1)(i) of this section.

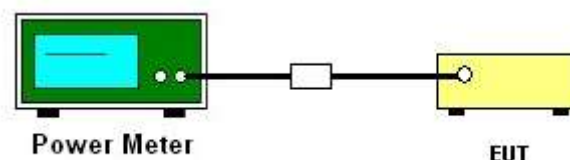
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.5.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Measure the conducted output power with cable loss and record the results in the test report.
5. Measure and record the results in the test report.

3.5.4 Test Setup



**3.5.5 Test Result of Output Power**

Test Mode :	UHF RFID	Temperature :	22~25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51~55%

Frequency (MHz)	RF Power (dBm)		
	UHF	Max. Limits (dBm)	Pass/Fail
902.75	29.98	30.00	Pass
914.75	29.87	30.00	Pass
927.25	29.99	30.00	Pass

3.5.6 Test Result of Average Power (Reporting Only)

Test Mode :	UHF RFID	Temperature :	22~25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51~55%

Frequency (MHz)	RF Power (dBm)	
	UHF	
902.75	27.92	
914.75	27.80	
927.25	27.96	

3.6 Conducted Band Edges Measurement

3.6.1 Limit of Band Edges

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

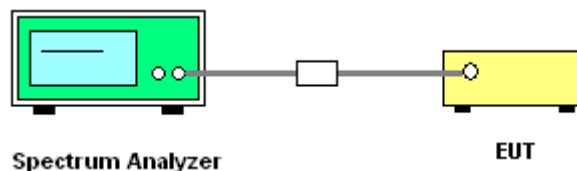
3.6.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.6.3 Test Procedures

1. The testing follows ANSI C63.10 clause 6.10.
2. Set the maximum power setting and enable the EUT to transmit continuously.
3. Set RBW = 100 kHz, VBW = 300 kHz. Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.
4. Enable hopping function of the EUT and then repeat step 2 and 3.
5. Measure and record the results in the test report.

3.6.4 Test Setup

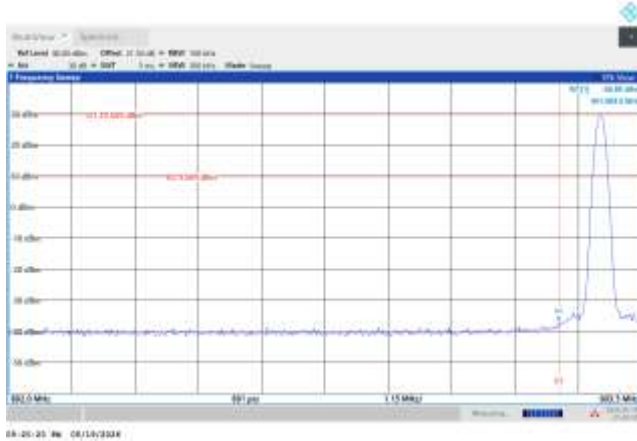




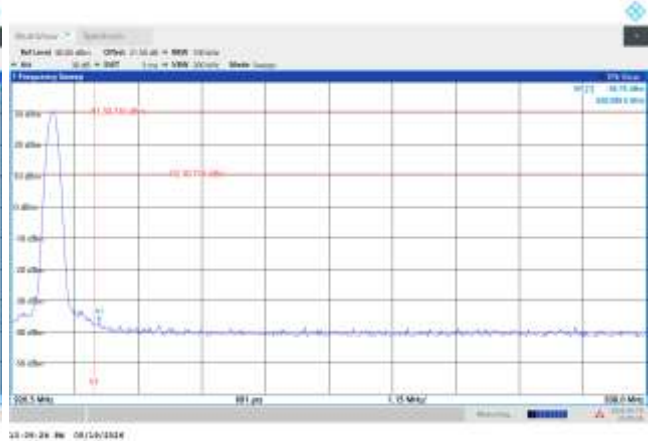
3.6.5 Test Result of Conducted Band Edges

Test Mode :	UHF RFID	Temperature :	22~25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51~55%

Low Band Edge Plot on 902.75 MHz



High Band Edge Plot on 927.25 MHz

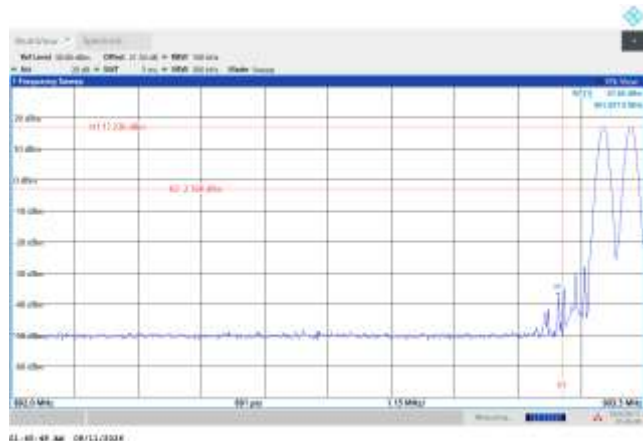




3.6.6 Test Result of Conducted Hopping Mode Band Edges

Test Mode :	UHF RFID	Temperature :	22~25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51~55%

Hopping Mode Low Band Edge Plot on 902.75 MHz Hopping Mode High Band Edge Plot on 927.25 MHz



3.7 Conducted Spurious Emission Measurement

3.7.1 Limit of Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

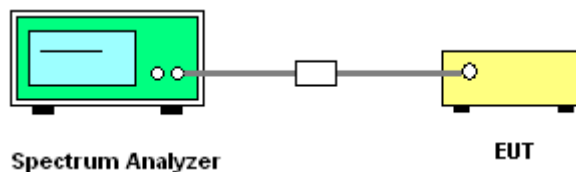
3.7.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.7.3 Test Procedure

1. The testing follows ANSI C63.10 clause 7.8.7.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Set RBW = 100 kHz, VBW = 300 kHz, scan up through 10th harmonic. All harmonics / spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.7.4 Test Setup

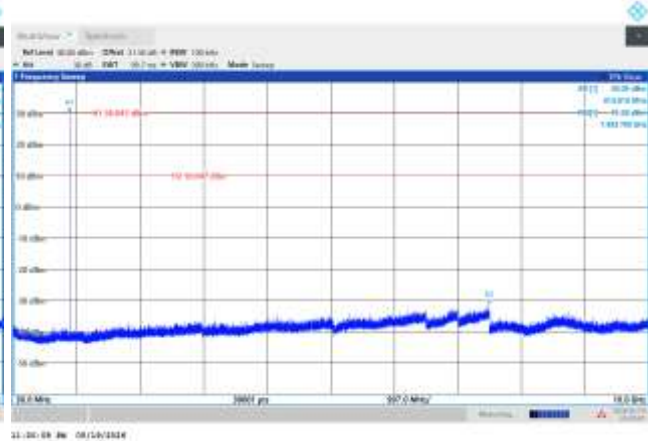
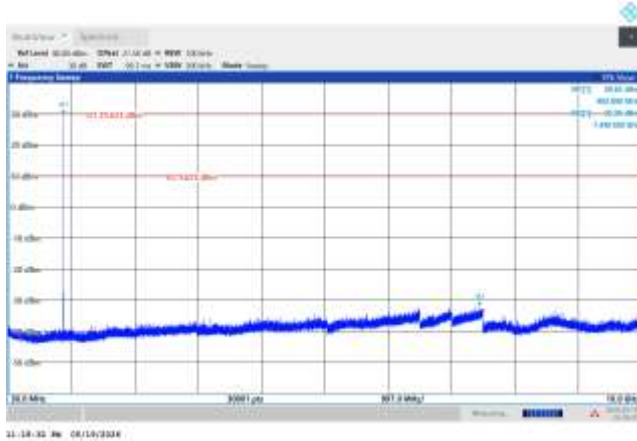




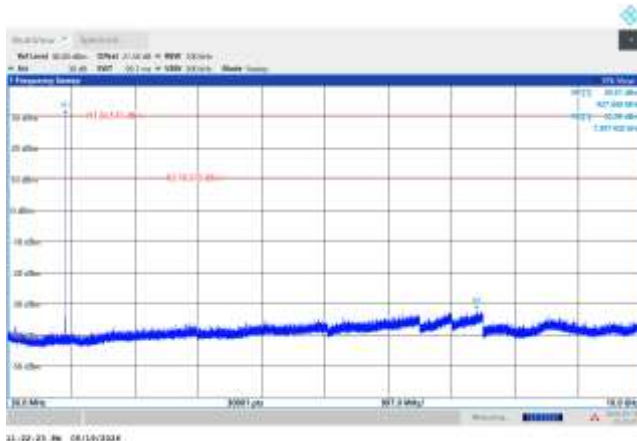
3.7.5 Test Result of Conducted Spurious Emission

Test Mode :	UHF RFID	Temperature :	22~25°C
Test Engineer :	Shiming Liu	Relative Humidity :	51~55%

CSE Plot on 902.75 MHz between 30MHz ~ 10 GHz CSE Plot on 914.75 MHz between 30MHz ~ 10 GHz



CSE Plot on 927.25 MHz between 30MHz ~ 10 GHz





3.8 Radiated Band Edges and Spurious Emission Measurement

3.8.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.8.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

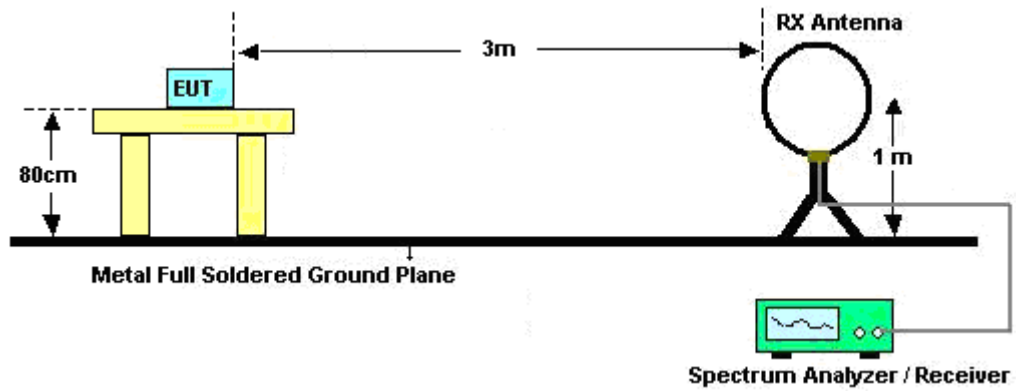


3.8.3 Test Procedures

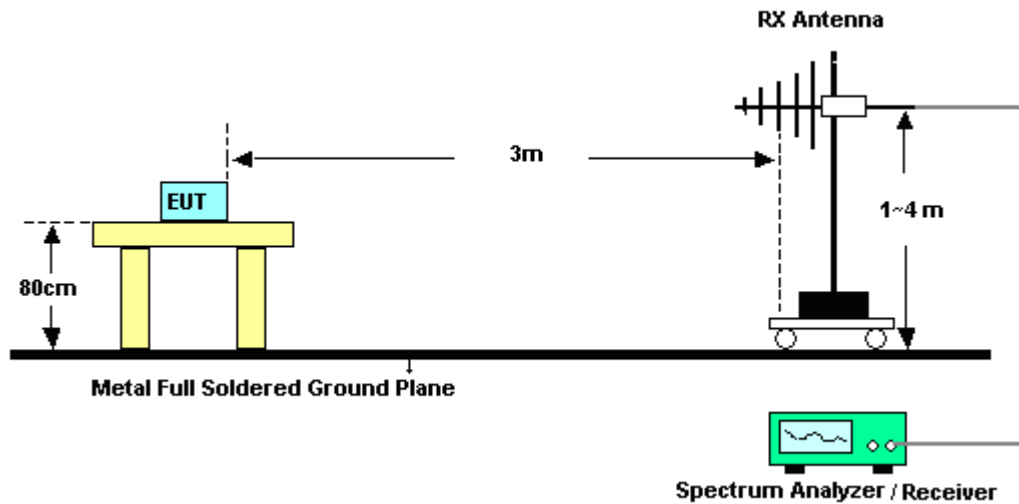
1. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
2. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
3. For each suspected emission, the EUT is arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
4. Set the maximum power setting and enable the EUT to transmit continuously.
5. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW = 100 kHz for $f < 1$ GHz; $VBW \geq RBW$; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, $VBW = 3$ MHz for $f \geq 1$ GHz for peak measurement.
For average measurement:
 - $VBW = 10$ Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
6. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamplifier Factor = Level
7. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
8. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.8.4 Test Setup

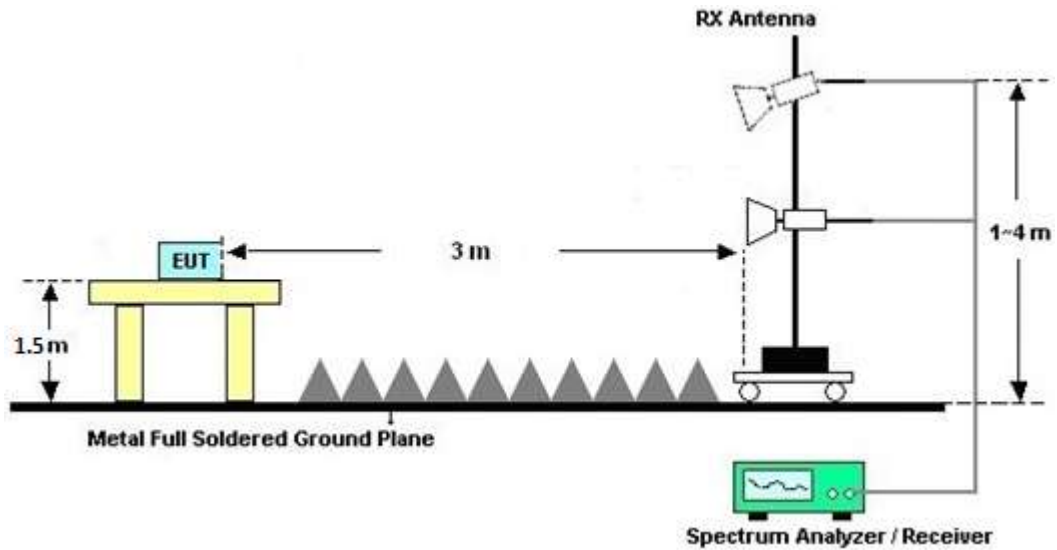
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.8.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.8.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B.

3.8.7 Duty Cycle

Please refer to Appendix C.

3.8.8 Test Result of Radiated Spurious Emission

Please refer to Appendix B.



3.9 AC Power Line Conducted Emissions Measurement

3.9.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

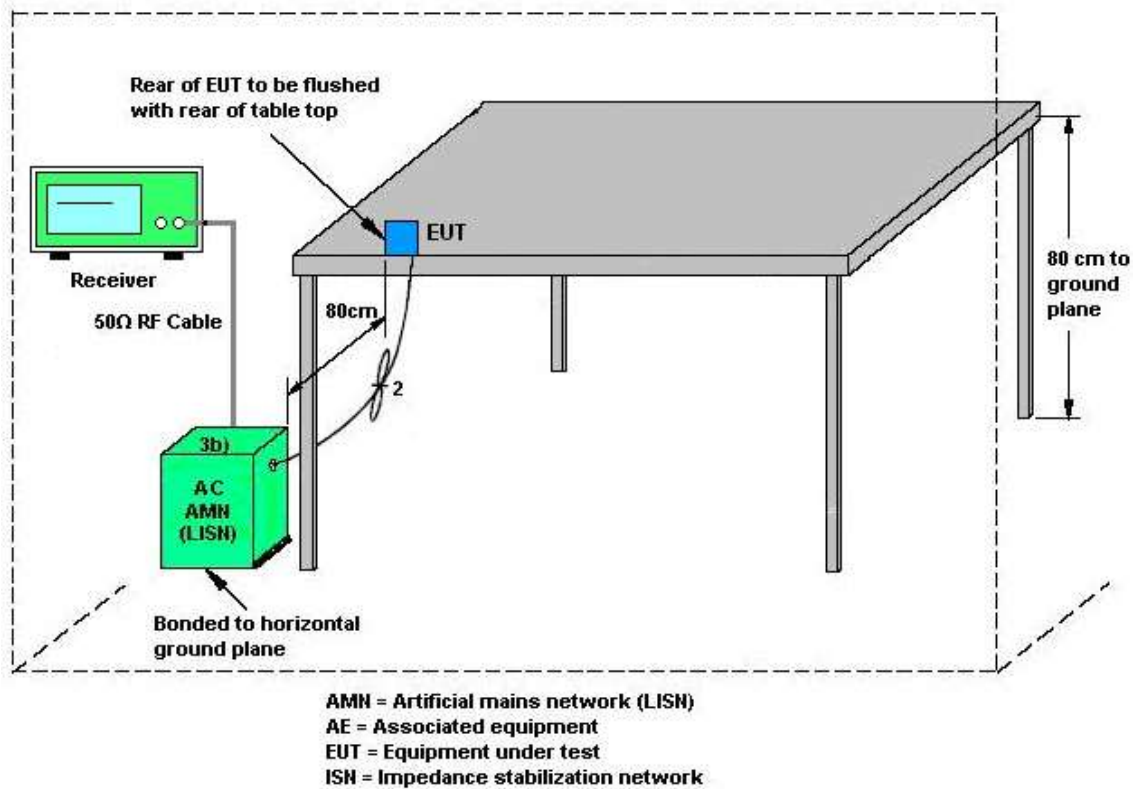
3.9.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.9.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.9.4 Test setup



3.9.5 Test Result of AC Conducted Emission

Please refer to Appendix A.



3.10 Antenna Requirements

3.10.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.10.2 Antenna Anti-Replacement Construction

Professional Installation.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna with 6dB pad	TESEQ & VGT	CBL 6111D & VFA_Z-04002-N-06	66925 & 24006	30MHz~1GHz	Apr. 12, 2026	Jul. 03, 2026~Jul. 10, 2026	Apr. 11, 2027	Radiation (03CH11-HY)
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Sep. 15, 2025	Jul. 03, 2026~Jul. 10, 2026	Sep. 14, 2026	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 06, 2025	Jul. 03, 2026~Jul. 10, 2026	Dec. 05, 2026	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz~18GHz	Jan. 20, 2026	Jul. 03, 2026~Jul. 10, 2026	Jan. 19, 2027	Radiation (03CH11-HY)
Signal Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	May 28 2026	Jul. 03, 2026~Jul. 10, 2026	May 27, 2027	Radiation (03CH11-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290045	20Hz~8.4GHz	Apr. 30, 2026	Jul. 03, 2026~Jul. 10, 2026	Apr. 29, 2027	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jul. 03, 2026~Jul. 10, 2026	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jul. 03, 2026~Jul. 10, 2026	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jul. 03, 2026~Jul. 10, 2026	N/A	Radiation (03CH11-HY)
Software	Audix	E3	RK-002391	N/A	N/A	Jul. 03, 2026~Jul. 10, 2026	N/A	Radiation (03CH11-HY)
USB Data Logger	TECPEL	TR-32	HE17XM6804	N/A	Dec. 15, 2025	Jul. 03, 2026~Jul. 10, 2026	Dec. 14, 2026	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200880	N/A	Aug. 26, 2025	Jul. 03, 2026~Jul. 10, 2026	Aug. 25, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	Mar. 04, 2026	Jul. 03, 2026~Jul. 10, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 04, 2026	Jul. 03, 2026~Jul. 10, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 04, 2026	Jul. 03, 2026~Jul. 10, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	9K~30M	Mar. 04, 2026	Jul. 03, 2026~Jul. 10, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	30M~40G	Mar. 04, 2026	Jul. 03, 2026~Jul. 10, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
Attenuator	HONOVA	5910 SMA-50-005	0028	N/A	Sep. 09, 2025	Jul. 03, 2026~Jul. 10, 2026	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53GHz Low Pass Filter	Sep. 09, 2025	Jul. 03, 2026~Jul. 10, 2026	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN12	1GHz High Pass Filter	Sep. 09, 2025	Jul. 03, 2026~Jul. 10, 2026	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-1080-1200-15000-60SS	SN2	1.2GHz High Pass Filter	Sep. 09, 2025	Jul. 03, 2026~Jul. 10, 2026	Sep. 08, 2026	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	May 15, 2026~Aug. 11, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	1218006	N/A	Sep. 09, 2025	May 15, 2026~Aug. 11, 2026	Sep. 08, 2026	Conducted (TH05-HY)
Pulse Power Sensor	Anritsu	MA2411B	1207363	300MHz~40GHz	Sep. 09, 2025	May 15, 2026~Aug. 11, 2026	Sep. 08, 2026	Conducted (TH05-HY)
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	May 15, 2026~Aug. 11, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	EM Electronics	EMSW18SE	SW191204 (BOX8)	N/A	Dec. 29, 2025	May 15, 2026~Aug. 11, 2026	Dec. 28, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	May 15, 2026~Aug. 11, 2026	N/A	Conducted (TH05-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jul. 16, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 16, 2026	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2025	Jul. 16, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 02, 2026	Jul. 16, 2026	Mar. 01, 2027	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Apr. 09, 2026	Jul. 16, 2026	Apr. 08, 2027	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Apr. 10, 2026	Jul. 16, 2026	Apr. 10, 2027	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Jul. 16, 2026	Oct. 20, 2026	Conduction (CO07-HY)



5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.70 dB
---	---------

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.50 dB
---	---------

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.90 dB
---	---------

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.70 dB
---	---------



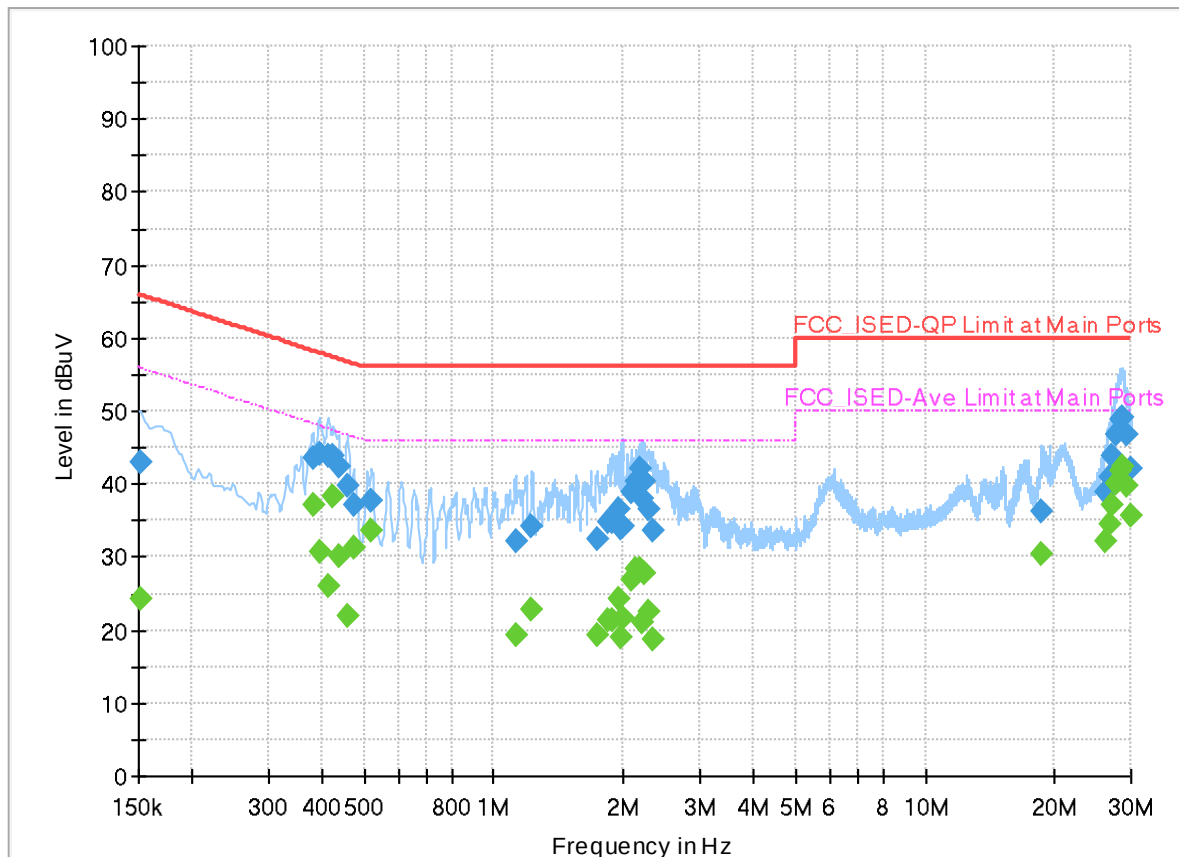
Appendix A. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	Temperature :	23.6~26.7°C
		Relative Humidity :	40.5~48.7%

EUT Information

Report NO : 590225-02
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



Final Result

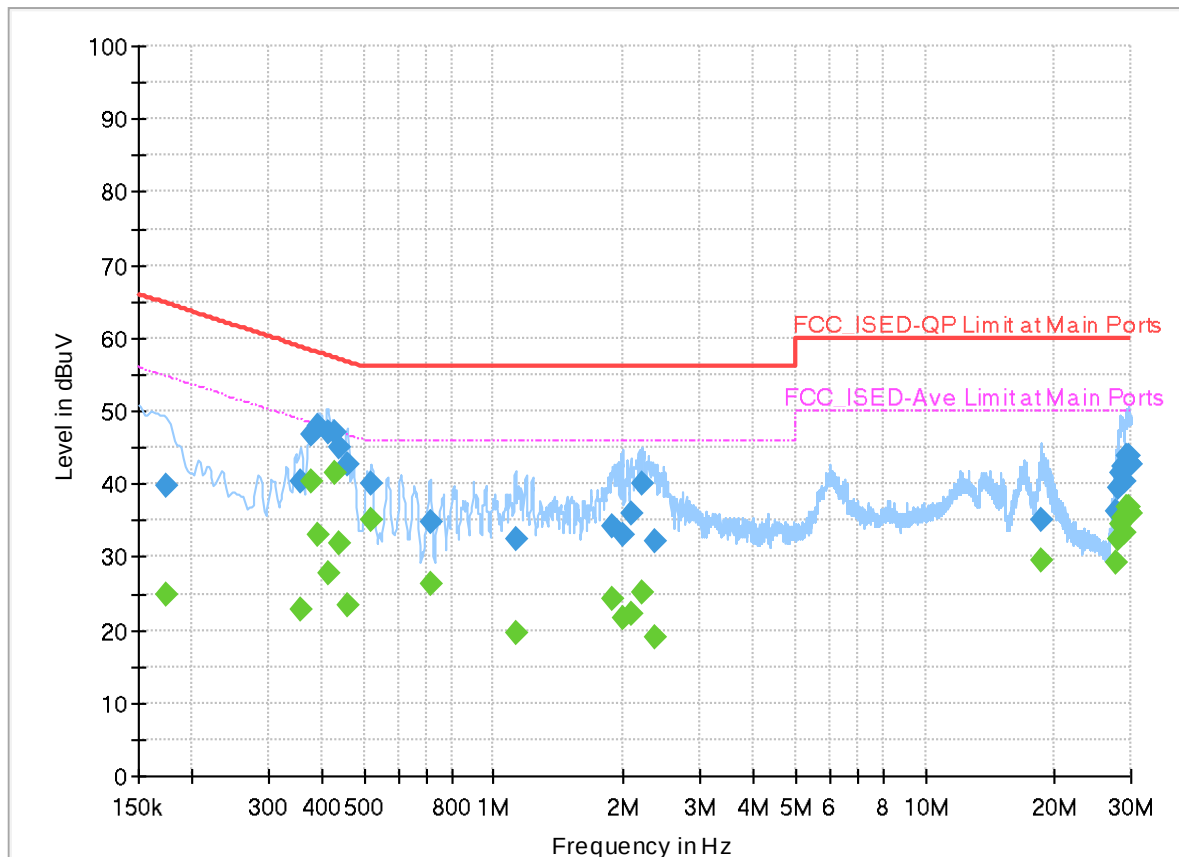
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	24.26	55.88	31.62	L1	ON	20.0
0.152250	42.94	---	65.88	22.94	L1	ON	20.0
0.381750	---	37.15	48.24	11.09	L1	ON	20.0
0.381750	43.57	---	58.24	14.67	L1	ON	20.0
0.393000	---	30.61	48.00	17.39	L1	ON	20.0
0.393000	44.12	---	58.00	13.88	L1	ON	20.0
0.413250	---	25.94	47.58	21.64	L1	ON	20.0
0.413250	43.77	---	57.58	13.81	L1	ON	20.0
0.424500	---	38.16	47.36	9.20	L1	ON	20.0
0.424500	43.85	---	57.36	13.51	L1	ON	20.0
0.435750	---	30.09	47.14	17.05	L1	ON	20.0
0.435750	42.27	---	57.14	14.87	L1	ON	20.0
0.458250	---	21.87	46.72	24.85	L1	ON	20.0
0.458250	39.70	---	56.72	17.02	L1	ON	20.0
0.471750	---	31.36	46.48	15.12	L1	ON	20.0
0.471750	37.02	---	56.48	19.46	L1	ON	20.0
0.521250	---	33.54	46.00	12.46	L1	ON	20.0
0.521250	37.84	---	56.00	18.16	L1	ON	20.0
1.122000	---	19.37	46.00	26.63	L1	ON	20.0

1.122000	32.29	---	56.00	23.71	L1	ON	20.0
1.225500	---	22.71	46.00	23.29	L1	ON	20.0
1.225500	34.34	---	56.00	21.66	L1	ON	20.0
1.731750	---	19.37	46.00	26.63	L1	ON	20.0
1.731750	32.59	---	56.00	23.41	L1	ON	20.0
1.839750	---	21.47	46.00	24.53	L1	ON	20.0
1.839750	34.90	---	56.00	21.10	L1	ON	20.0
1.887000	---	21.27	46.00	24.73	L1	ON	20.0
1.887000	34.76	---	56.00	21.24	L1	ON	20.0
1.945500	---	24.18	46.00	21.82	L1	ON	20.0
1.945500	36.68	---	56.00	19.32	L1	ON	20.0
1.977000	---	19.05	46.00	26.95	L1	ON	20.0
1.977000	33.95	---	56.00	22.05	L1	ON	20.0
1.990500	---	21.70	46.00	24.30	L1	ON	20.0
1.990500	34.26	---	56.00	21.74	L1	ON	20.0
2.085000	---	26.99	46.00	19.01	L1	ON	20.0
2.085000	38.90	---	56.00	17.10	L1	ON	20.0
2.130000	---	28.31	46.00	17.69	L1	ON	20.0
2.130000	40.25	---	56.00	15.75	L1	ON	20.0
2.172750	---	28.47	46.00	17.53	L1	ON	20.0
2.172750	42.06	---	56.00	13.94	L1	ON	20.0
2.206500	---	21.17	46.00	24.83	L1	ON	20.0
2.206500	38.13	---	56.00	17.87	L1	ON	20.0
2.231250	---	27.81	46.00	18.19	L1	ON	20.0
2.231250	40.33	---	56.00	15.67	L1	ON	20.0
2.285250	---	22.39	46.00	23.61	L1	ON	20.0
2.285250	36.61	---	56.00	19.39	L1	ON	20.0
2.341500	---	18.57	46.00	27.43	L1	ON	20.0
2.341500	33.75	---	56.00	22.25	L1	ON	20.0
18.602250	---	30.33	50.00	19.67	L1	ON	20.2
18.602250	36.30	---	60.00	23.70	L1	ON	20.2
26.099250	---	32.06	50.00	17.94	L1	ON	20.2
26.099250	38.75	---	60.00	21.25	L1	ON	20.2
26.632500	---	34.49	50.00	15.51	L1	ON	20.2
26.632500	41.07	---	60.00	18.93	L1	ON	20.2
27.172500	---	37.06	50.00	12.94	L1	ON	20.2
27.172500	43.99	---	60.00	16.01	L1	ON	20.2
27.710250	---	40.00	50.00	10.00	L1	ON	20.2
27.710250	46.88	---	60.00	13.12	L1	ON	20.2
28.221000	---	41.91	50.00	8.09	L1	ON	20.2
28.221000	48.75	---	60.00	11.25	L1	ON	20.2
28.781250	---	42.37	50.00	7.63	L1	ON	20.2
28.781250	49.14	---	60.00	10.86	L1	ON	20.2
29.217750	---	39.86	50.00	10.14	L1	ON	20.2
29.217750	46.64	---	60.00	13.36	L1	ON	20.2
29.872500	---	35.54	50.00	14.46	L1	ON	20.2
29.872500	42.03	---	60.00	17.97	L1	ON	20.2

EUT Information

Report NO : 590225-02
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.174750	---	24.93	54.73	29.80	N	ON	20.0
0.174750	39.80	---	64.73	24.93	N	ON	20.0
0.354750	---	22.86	48.85	25.99	N	ON	20.0
0.354750	40.38	---	58.85	18.47	N	ON	20.0
0.377250	---	40.38	48.34	7.96	N	ON	20.0
0.377250	46.74	---	58.34	11.60	N	ON	20.0
0.390750	---	33.11	48.05	14.94	N	ON	20.0
0.390750	48.06	---	58.05	9.99	N	ON	20.0
0.413250	---	27.88	47.58	19.70	N	ON	20.0
0.413250	47.12	---	57.58	10.46	N	ON	20.0
0.426750	---	41.54	47.32	5.78	N	ON	20.0
0.426750	47.20	---	57.32	10.12	N	ON	20.0
0.435750	---	31.95	47.14	15.19	N	ON	20.0
0.435750	45.15	---	57.14	11.99	N	ON	20.0
0.458250	---	23.44	46.72	23.28	N	ON	20.0
0.458250	42.57	---	56.72	14.15	N	ON	20.0
0.521250	---	35.11	46.00	10.89	N	ON	20.0
0.521250	40.06	---	56.00	15.94	N	ON	20.0
0.712500	---	26.26	46.00	19.74	N	ON	20.0

0.712500	34.70	---	56.00	21.30	N	ON	20.0
1.122000	---	19.63	46.00	26.37	N	ON	20.0
1.122000	32.41	---	56.00	23.59	N	ON	20.0
1.891500	---	24.17	46.00	21.83	N	ON	20.0
1.891500	34.24	---	56.00	21.76	N	ON	20.0
1.990500	---	21.62	46.00	24.38	N	ON	20.0
1.990500	33.18	---	56.00	22.82	N	ON	20.0
2.076000	---	22.20	46.00	23.80	N	ON	20.0
2.076000	35.92	---	56.00	20.08	N	ON	20.0
2.215500	---	25.26	46.00	20.74	N	ON	20.0
2.215500	40.17	---	56.00	15.83	N	ON	20.0
2.355000	---	18.93	46.00	27.07	N	ON	20.0
2.355000	32.27	---	56.00	23.73	N	ON	20.0
18.620250	---	29.50	50.00	20.50	N	ON	20.2
18.620250	34.95	---	60.00	25.05	N	ON	20.2
27.701250	---	29.22	50.00	20.78	N	ON	20.2
27.701250	36.13	---	60.00	23.87	N	ON	20.2
28.032000	---	32.46	50.00	17.54	N	ON	20.2
28.032000	39.55	---	60.00	20.45	N	ON	20.2
28.277250	---	34.52	50.00	15.48	N	ON	20.2
28.277250	41.45	---	60.00	18.55	N	ON	20.2
28.632750	---	35.39	50.00	14.61	N	ON	20.2
28.632750	42.36	---	60.00	17.64	N	ON	20.2
28.920750	---	33.43	50.00	16.57	N	ON	20.2
28.920750	40.32	---	60.00	19.68	N	ON	20.2
29.166000	---	35.54	50.00	14.46	N	ON	20.2
29.166000	42.36	---	60.00	17.64	N	ON	20.2
29.375250	---	36.89	50.00	13.11	N	ON	20.2
29.375250	43.78	---	60.00	16.22	N	ON	20.2
29.535000	---	36.98	50.00	13.02	N	ON	20.2
29.535000	43.96	---	60.00	16.04	N	ON	20.2
29.766750	---	36.37	50.00	13.63	N	ON	20.2
29.766750	43.04	---	60.00	16.96	N	ON	20.2
29.935500	---	36.08	50.00	13.92	N	ON	20.2
29.935500	42.68	---	60.00	17.32	N	ON	20.2

Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Daniel Lee, Fu Chen, Troye Hsieh	Temperature :	19.1~21.9°C
		Relative Humidity :	50.1~66.9%

Sample 1 #1

Note symbol

-L	Low channel location
-R	High channel location

B1-1. Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 4	-	1	RFID	-	902.75MHz	-	-	-
Mode 5	-	1	RFID	-	914.75MHz	-	-	-
Mode 6	-	1	RFID	-	927.25MHz	-	-	-

B1-2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
4	RFID	-	30.97	33.95	40	-6.05	V	Peak	Pass	-	LF
	RFID	-	2708.25	36.22	74	-37.78	V	Peak	Pass	-	Harmonic
5	RFID	-	958.29	39.49	46	-6.51	V	QP	Pass	-	LF
	RFID	-	7318	50.5	54	-3.5	H	Avg.	Pass	-	Harmonic
6	RFID	-	955.38	39.79	46	-6.21	V	QP	Pass	-	LF
	RFID	-	7418	50.59	54	-3.41	V	Avg.	Pass	-	Harmonic



Mode	4																																																																																																																																																																																																									
	RFID LF																																																																																																																																																																																																									
	RFID_902.75MHz																																																																																																																																																																																																									
ANT	1																																																																																																																																																																																																									
Pol.	Horizontal	Vertical																																																																																																																																																																																																								
Peak QP	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>31.44</td><td>40.00</td><td>-8.56</td><td>29.37</td><td>23.23</td><td>0.73</td><td>31.88</td><td>0.08 -- -- Peak</td></tr><tr><td>2</td><td>57.16</td><td>28.17</td><td>40.00</td><td>-11.83</td><td>37.32</td><td>11.90</td><td>0.97</td><td>31.99</td><td>0.08 -- -- Peak</td></tr><tr><td>3</td><td>90.14</td><td>28.34</td><td>43.50</td><td>-15.16</td><td>34.41</td><td>14.88</td><td>1.23</td><td>32.00</td><td>0.03 -- -- Peak</td></tr><tr><td>4</td><td>504.33</td><td>35.39</td><td>46.00</td><td>-10.61</td><td>30.37</td><td>24.03</td><td>3.03</td><td>32.02</td><td>0.08 -- -- Peak</td></tr><tr><td>5</td><td>691.54</td><td>39.64</td><td>46.00</td><td>-6.36</td><td>31.05</td><td>26.43</td><td>3.57</td><td>31.97</td><td>0.66 -- -- Peak</td></tr><tr><td>6</td><td>902.75</td><td>128.32</td><td>-----</td><td>-----</td><td>116.00</td><td>29.02</td><td>4.09</td><td>31.16</td><td>0.48 119 181 QP</td></tr><tr><td>7</td><td>935.98</td><td>38.61</td><td>46.00</td><td>-7.39</td><td>24.93</td><td>30.06</td><td>4.13</td><td>30.84</td><td>0.42 120 172 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	31.44	40.00	-8.56	29.37	23.23	0.73	31.88	0.08 -- -- Peak	2	57.16	28.17	40.00	-11.83	37.32	11.90	0.97	31.99	0.08 -- -- Peak	3	90.14	28.34	43.50	-15.16	34.41	14.88	1.23	32.00	0.03 -- -- Peak	4	504.33	35.39	46.00	-10.61	30.37	24.03	3.03	32.02	0.08 -- -- Peak	5	691.54	39.64	46.00	-6.36	31.05	26.43	3.57	31.97	0.66 -- -- Peak	6	902.75	128.32	-----	-----	116.00	29.02	4.09	31.16	0.48 119 181 QP	7	935.98	38.61	46.00	-7.39	24.93	30.06	4.13	30.84	0.42 120 172 QP	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>33.95</td><td>40.00</td><td>-6.05</td><td>31.88</td><td>23.23</td><td>0.73</td><td>31.88</td><td>0.08 -- -- Peak</td></tr><tr><td>2</td><td>47.46</td><td>33.00</td><td>40.00</td><td>-7.00</td><td>38.55</td><td>15.67</td><td>0.94</td><td>32.06</td><td>0.03 -- -- Peak</td></tr><tr><td>3</td><td>90.14</td><td>32.13</td><td>43.50</td><td>-11.37</td><td>38.20</td><td>14.88</td><td>1.23</td><td>32.08</td><td>0.03 -- -- Peak</td></tr><tr><td>4</td><td>462.62</td><td>35.36</td><td>46.00</td><td>-10.64</td><td>31.28</td><td>23.17</td><td>2.92</td><td>31.99</td><td>0.08 -- -- Peak</td></tr><tr><td>5</td><td>651.77</td><td>39.01</td><td>46.00</td><td>-6.99</td><td>30.76</td><td>26.43</td><td>3.46</td><td>32.09</td><td>0.54 -- -- Peak</td></tr><tr><td>6</td><td>902.75</td><td>128.33</td><td>-----</td><td>-----</td><td>116.01</td><td>29.02</td><td>4.09</td><td>31.16</td><td>0.48 100 181 QP</td></tr><tr><td>7</td><td>932.10</td><td>38.49</td><td>46.00</td><td>-7.51</td><td>25.05</td><td>29.86</td><td>4.12</td><td>30.88</td><td>0.43 100 186 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	33.95	40.00	-6.05	31.88	23.23	0.73	31.88	0.08 -- -- Peak	2	47.46	33.00	40.00	-7.00	38.55	15.67	0.94	32.06	0.03 -- -- Peak	3	90.14	32.13	43.50	-11.37	38.20	14.88	1.23	32.08	0.03 -- -- Peak	4	462.62	35.36	46.00	-10.64	31.28	23.17	2.92	31.99	0.08 -- -- Peak	5	651.77	39.01	46.00	-6.99	30.76	26.43	3.46	32.09	0.54 -- -- Peak	6	902.75	128.33	-----	-----	116.01	29.02	4.09	31.16	0.48 100 181 QP	7	932.10	38.49	46.00	-7.51	25.05	29.86	4.12	30.88	0.43 100 186 QP
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	30.97	31.44	40.00	-8.56	29.37	23.23	0.73	31.88	0.08 -- -- Peak																																																																																																																																																																																																	
2	57.16	28.17	40.00	-11.83	37.32	11.90	0.97	31.99	0.08 -- -- Peak																																																																																																																																																																																																	
3	90.14	28.34	43.50	-15.16	34.41	14.88	1.23	32.00	0.03 -- -- Peak																																																																																																																																																																																																	
4	504.33	35.39	46.00	-10.61	30.37	24.03	3.03	32.02	0.08 -- -- Peak																																																																																																																																																																																																	
5	691.54	39.64	46.00	-6.36	31.05	26.43	3.57	31.97	0.66 -- -- Peak																																																																																																																																																																																																	
6	902.75	128.32	-----	-----	116.00	29.02	4.09	31.16	0.48 119 181 QP																																																																																																																																																																																																	
7	935.98	38.61	46.00	-7.39	24.93	30.06	4.13	30.84	0.42 120 172 QP																																																																																																																																																																																																	
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	30.97	33.95	40.00	-6.05	31.88	23.23	0.73	31.88	0.08 -- -- Peak																																																																																																																																																																																																	
2	47.46	33.00	40.00	-7.00	38.55	15.67	0.94	32.06	0.03 -- -- Peak																																																																																																																																																																																																	
3	90.14	32.13	43.50	-11.37	38.20	14.88	1.23	32.08	0.03 -- -- Peak																																																																																																																																																																																																	
4	462.62	35.36	46.00	-10.64	31.28	23.17	2.92	31.99	0.08 -- -- Peak																																																																																																																																																																																																	
5	651.77	39.01	46.00	-6.99	30.76	26.43	3.46	32.09	0.54 -- -- Peak																																																																																																																																																																																																	
6	902.75	128.33	-----	-----	116.01	29.02	4.09	31.16	0.48 100 181 QP																																																																																																																																																																																																	
7	932.10	38.49	46.00	-7.51	25.05	29.86	4.12	30.88	0.43 100 186 QP																																																																																																																																																																																																	



Mode	4																																																																																																																									
	RFID Harmonic																																																																																																																									
	RFID_902.75MHz																																																																																																																									
ANT	1																																																																																																																									
Pol.	Horizontal	Vertical																																																																																																																								
Peak Avg	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1</td><td>1805.50</td><td>36.64</td><td>-----</td><td>71.65</td><td>25.00</td><td>6.65</td><td>67.18</td><td>0.52</td><td>300 327 Peak</td></tr><tr><td>2</td><td>2788.25</td><td>36.07</td><td>74.00</td><td>-37.93</td><td>66.40</td><td>28.20</td><td>8.14</td><td>66.90</td><td>0.23 -- -- Peak</td></tr><tr><td>3</td><td>7222.00</td><td>53.76</td><td>-----</td><td>69.07</td><td>36.79</td><td>13.76</td><td>66.03</td><td>0.17</td><td>309 325 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB		1	1805.50	36.64	-----	71.65	25.00	6.65	67.18	0.52	300 327 Peak	2	2788.25	36.07	74.00	-37.93	66.40	28.20	8.14	66.90	0.23 -- -- Peak	3	7222.00	53.76	-----	69.07	36.79	13.76	66.03	0.17	309 325 Peak	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1</td><td>1805.50</td><td>36.79</td><td>-----</td><td>71.80</td><td>25.00</td><td>6.65</td><td>67.18</td><td>0.52</td><td>400 198 Peak</td></tr><tr><td>2</td><td>2788.25</td><td>36.22</td><td>74.00</td><td>-37.78</td><td>66.55</td><td>28.20</td><td>8.14</td><td>66.90</td><td>0.23 -- -- Peak</td></tr><tr><td>3</td><td>7222.00</td><td>57.02</td><td>-----</td><td>72.33</td><td>36.79</td><td>13.76</td><td>66.03</td><td>0.17</td><td>301 319 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB		1	1805.50	36.79	-----	71.80	25.00	6.65	67.18	0.52	400 198 Peak	2	2788.25	36.22	74.00	-37.78	66.55	28.20	8.14	66.90	0.23 -- -- Peak	3	7222.00	57.02	-----	72.33	36.79	13.76	66.03	0.17	301 319 Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																																																																																	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB																																																																																																																		
1	1805.50	36.64	-----	71.65	25.00	6.65	67.18	0.52	300 327 Peak																																																																																																																	
2	2788.25	36.07	74.00	-37.93	66.40	28.20	8.14	66.90	0.23 -- -- Peak																																																																																																																	
3	7222.00	53.76	-----	69.07	36.79	13.76	66.03	0.17	309 325 Peak																																																																																																																	
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																																		
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																																																																																	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB																																																																																																																		
1	1805.50	36.79	-----	71.80	25.00	6.65	67.18	0.52	400 198 Peak																																																																																																																	
2	2788.25	36.22	74.00	-37.78	66.55	28.20	8.14	66.90	0.23 -- -- Peak																																																																																																																	
3	7222.00	57.02	-----	72.33	36.79	13.76	66.03	0.17	301 319 Peak																																																																																																																	

Note: The unwanted signal "1805.5,7222 MHz" can be ignored since it falls within the non-restricted band and meet the requirements of 15.247 (d).



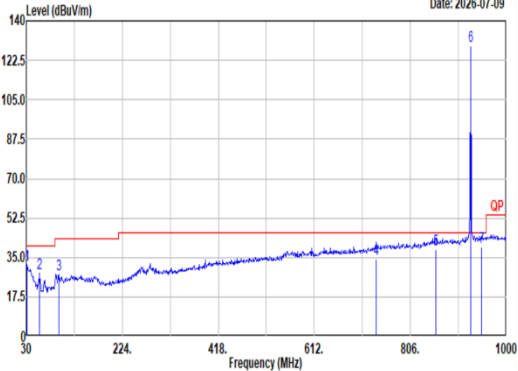
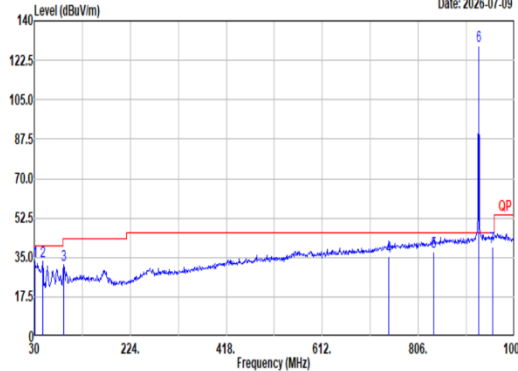
Mode	5																																																																																																																																																																																																									
	RFID LF																																																																																																																																																																																																									
	RFID_914.75MHz																																																																																																																																																																																																									
ANT	1																																																																																																																																																																																																									
Pol.	Horizontal	Vertical																																																																																																																																																																																																								
Peak QP	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>32.33</td><td>40.00</td><td>-7.67</td><td>30.26</td><td>23.23</td><td>0.73</td><td>31.88</td><td>0.08 -- -- Peak</td></tr><tr><td>2</td><td>57.16</td><td>27.56</td><td>40.00</td><td>-12.44</td><td>36.71</td><td>11.90</td><td>0.97</td><td>31.99</td><td>0.08 -- -- Peak</td></tr><tr><td>3</td><td>90.14</td><td>27.43</td><td>43.50</td><td>-16.07</td><td>33.50</td><td>14.88</td><td>1.23</td><td>32.00</td><td>0.03 -- -- Peak</td></tr><tr><td>4</td><td>263.77</td><td>30.80</td><td>46.00</td><td>-15.20</td><td>30.32</td><td>20.28</td><td>2.17</td><td>31.93</td><td>0.07 -- -- Peak</td></tr><tr><td>5</td><td>691.54</td><td>38.56</td><td>46.00</td><td>-7.44</td><td>29.97</td><td>26.43</td><td>3.57</td><td>31.97</td><td>0.66 100 186 QP</td></tr><tr><td>6</td><td>914.75</td><td>128.68</td><td>-----</td><td>-----</td><td>116.01</td><td>29.26</td><td>4.10</td><td>31.05</td><td>0.46 123 180 QP</td></tr><tr><td>7</td><td>953.44</td><td>40.61</td><td>46.00</td><td>-5.39</td><td>26.00</td><td>30.80</td><td>4.15</td><td>30.68</td><td>0.41 103 172 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	32.33	40.00	-7.67	30.26	23.23	0.73	31.88	0.08 -- -- Peak	2	57.16	27.56	40.00	-12.44	36.71	11.90	0.97	31.99	0.08 -- -- Peak	3	90.14	27.43	43.50	-16.07	33.50	14.88	1.23	32.00	0.03 -- -- Peak	4	263.77	30.80	46.00	-15.20	30.32	20.28	2.17	31.93	0.07 -- -- Peak	5	691.54	38.56	46.00	-7.44	29.97	26.43	3.57	31.97	0.66 100 186 QP	6	914.75	128.68	-----	-----	116.01	29.26	4.10	31.05	0.46 123 180 QP	7	953.44	40.61	46.00	-5.39	26.00	30.80	4.15	30.68	0.41 103 172 QP	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>32.58</td><td>40.00</td><td>-7.42</td><td>30.51</td><td>23.23</td><td>0.73</td><td>31.88</td><td>0.08 -- -- Peak</td></tr><tr><td>2</td><td>46.49</td><td>31.86</td><td>40.00</td><td>-8.14</td><td>36.94</td><td>16.17</td><td>0.92</td><td>32.06</td><td>0.02 -- -- Peak</td></tr><tr><td>3</td><td>90.14</td><td>31.67</td><td>43.50</td><td>-11.83</td><td>37.74</td><td>14.88</td><td>1.23</td><td>32.08</td><td>0.03 -- -- Peak</td></tr><tr><td>4</td><td>508.21</td><td>35.67</td><td>46.00</td><td>-10.33</td><td>30.64</td><td>24.02</td><td>3.04</td><td>32.01</td><td>0.08 -- -- Peak</td></tr><tr><td>5</td><td>738.10</td><td>35.21</td><td>46.00</td><td>-10.79</td><td>25.03</td><td>27.89</td><td>3.70</td><td>31.90</td><td>0.58 124 181 QP</td></tr><tr><td>6</td><td>914.75</td><td>128.48</td><td>-----</td><td>-----</td><td>115.81</td><td>29.26</td><td>4.10</td><td>31.05</td><td>0.46 100 180 QP</td></tr><tr><td>7</td><td>958.29</td><td>39.49</td><td>46.00</td><td>-6.51</td><td>24.62</td><td>30.96</td><td>4.17</td><td>30.63</td><td>0.42 100 182 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	32.58	40.00	-7.42	30.51	23.23	0.73	31.88	0.08 -- -- Peak	2	46.49	31.86	40.00	-8.14	36.94	16.17	0.92	32.06	0.02 -- -- Peak	3	90.14	31.67	43.50	-11.83	37.74	14.88	1.23	32.08	0.03 -- -- Peak	4	508.21	35.67	46.00	-10.33	30.64	24.02	3.04	32.01	0.08 -- -- Peak	5	738.10	35.21	46.00	-10.79	25.03	27.89	3.70	31.90	0.58 124 181 QP	6	914.75	128.48	-----	-----	115.81	29.26	4.10	31.05	0.46 100 180 QP	7	958.29	39.49	46.00	-6.51	24.62	30.96	4.17	30.63	0.42 100 182 QP
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	30.97	32.33	40.00	-7.67	30.26	23.23	0.73	31.88	0.08 -- -- Peak																																																																																																																																																																																																	
2	57.16	27.56	40.00	-12.44	36.71	11.90	0.97	31.99	0.08 -- -- Peak																																																																																																																																																																																																	
3	90.14	27.43	43.50	-16.07	33.50	14.88	1.23	32.00	0.03 -- -- Peak																																																																																																																																																																																																	
4	263.77	30.80	46.00	-15.20	30.32	20.28	2.17	31.93	0.07 -- -- Peak																																																																																																																																																																																																	
5	691.54	38.56	46.00	-7.44	29.97	26.43	3.57	31.97	0.66 100 186 QP																																																																																																																																																																																																	
6	914.75	128.68	-----	-----	116.01	29.26	4.10	31.05	0.46 123 180 QP																																																																																																																																																																																																	
7	953.44	40.61	46.00	-5.39	26.00	30.80	4.15	30.68	0.41 103 172 QP																																																																																																																																																																																																	
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	30.97	32.58	40.00	-7.42	30.51	23.23	0.73	31.88	0.08 -- -- Peak																																																																																																																																																																																																	
2	46.49	31.86	40.00	-8.14	36.94	16.17	0.92	32.06	0.02 -- -- Peak																																																																																																																																																																																																	
3	90.14	31.67	43.50	-11.83	37.74	14.88	1.23	32.08	0.03 -- -- Peak																																																																																																																																																																																																	
4	508.21	35.67	46.00	-10.33	30.64	24.02	3.04	32.01	0.08 -- -- Peak																																																																																																																																																																																																	
5	738.10	35.21	46.00	-10.79	25.03	27.89	3.70	31.90	0.58 124 181 QP																																																																																																																																																																																																	
6	914.75	128.48	-----	-----	115.81	29.26	4.10	31.05	0.46 100 180 QP																																																																																																																																																																																																	
7	958.29	39.49	46.00	-6.51	24.62	30.96	4.17	30.63	0.42 100 182 QP																																																																																																																																																																																																	



Mode	5																																																																																																																																																																	
	RFID Harmonic																																																																																																																																																																	
	RFID_914.75MHz																																																																																																																																																																	
ANT	1																																																																																																																																																																	
Pol.	Horizontal	Vertical																																																																																																																																																																
Peak Avg	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91200_01620_250915 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1829.50</td><td>34.57</td><td>-----</td><td>-----</td><td>69.44</td><td>25.09</td><td>6.73</td><td>67.18</td><td>0.49</td><td>-- -- Peak</td></tr><tr><td>2 2744.25</td><td>40.58</td><td>74.00</td><td>-33.42</td><td>70.90</td><td>28.10</td><td>8.20</td><td>66.85</td><td>0.23</td><td>350 156 Peak</td></tr><tr><td>3 2744.25</td><td>35.45</td><td>54.00</td><td>-18.55</td><td>65.77</td><td>28.10</td><td>8.20</td><td>66.85</td><td>0.23</td><td>350 156 Average</td></tr><tr><td>4 7318.00</td><td>49.80</td><td>74.00</td><td>-24.20</td><td>65.13</td><td>36.83</td><td>13.78</td><td>66.10</td><td>0.16</td><td>350 323 Peak</td></tr><tr><td>5 7318.00</td><td>47.81</td><td>54.00</td><td>-6.19</td><td>63.14</td><td>36.83</td><td>13.78</td><td>66.10</td><td>0.16</td><td>350 323 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1829.50	34.57	-----	-----	69.44	25.09	6.73	67.18	0.49	-- -- Peak	2 2744.25	40.58	74.00	-33.42	70.90	28.10	8.20	66.85	0.23	350 156 Peak	3 2744.25	35.45	54.00	-18.55	65.77	28.10	8.20	66.85	0.23	350 156 Average	4 7318.00	49.80	74.00	-24.20	65.13	36.83	13.78	66.10	0.16	350 323 Peak	5 7318.00	47.81	54.00	-6.19	63.14	36.83	13.78	66.10	0.16	350 323 Average	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91200_01620_250915 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1829.50</td><td>33.97</td><td>-----</td><td>-----</td><td>68.84</td><td>25.09</td><td>6.73</td><td>67.18</td><td>0.49</td><td>-- -- Peak</td></tr><tr><td>2 2744.25</td><td>40.62</td><td>74.00</td><td>-33.38</td><td>70.94</td><td>28.10</td><td>8.20</td><td>66.85</td><td>0.23</td><td>350 220 Peak</td></tr><tr><td>3 2744.25</td><td>35.32</td><td>54.00</td><td>-18.68</td><td>65.64</td><td>28.10</td><td>8.20</td><td>66.85</td><td>0.23</td><td>350 220 Average</td></tr><tr><td>4 7318.00</td><td>54.01</td><td>74.00</td><td>-19.99</td><td>69.34</td><td>36.83</td><td>13.78</td><td>66.10</td><td>0.16</td><td>100 283 Peak</td></tr><tr><td>5 7318.00</td><td>50.50</td><td>54.00</td><td>-3.50</td><td>65.83</td><td>36.83</td><td>13.78</td><td>66.10</td><td>0.16</td><td>100 283 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1829.50	33.97	-----	-----	68.84	25.09	6.73	67.18	0.49	-- -- Peak	2 2744.25	40.62	74.00	-33.38	70.94	28.10	8.20	66.85	0.23	350 220 Peak	3 2744.25	35.32	54.00	-18.68	65.64	28.10	8.20	66.85	0.23	350 220 Average	4 7318.00	54.01	74.00	-19.99	69.34	36.83	13.78	66.10	0.16	100 283 Peak	5 7318.00	50.50	54.00	-3.50	65.83	36.83	13.78	66.10	0.16	100 283 Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																										
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																									
1 1829.50	34.57	-----	-----	69.44	25.09	6.73	67.18	0.49	-- -- Peak																																																																																																																																																									
2 2744.25	40.58	74.00	-33.42	70.90	28.10	8.20	66.85	0.23	350 156 Peak																																																																																																																																																									
3 2744.25	35.45	54.00	-18.55	65.77	28.10	8.20	66.85	0.23	350 156 Average																																																																																																																																																									
4 7318.00	49.80	74.00	-24.20	65.13	36.83	13.78	66.10	0.16	350 323 Peak																																																																																																																																																									
5 7318.00	47.81	54.00	-6.19	63.14	36.83	13.78	66.10	0.16	350 323 Average																																																																																																																																																									
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																										
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																									
1 1829.50	33.97	-----	-----	68.84	25.09	6.73	67.18	0.49	-- -- Peak																																																																																																																																																									
2 2744.25	40.62	74.00	-33.38	70.94	28.10	8.20	66.85	0.23	350 220 Peak																																																																																																																																																									
3 2744.25	35.32	54.00	-18.68	65.64	28.10	8.20	66.85	0.23	350 220 Average																																																																																																																																																									
4 7318.00	54.01	74.00	-19.99	69.34	36.83	13.78	66.10	0.16	100 283 Peak																																																																																																																																																									
5 7318.00	50.50	54.00	-3.50	65.83	36.83	13.78	66.10	0.16	100 283 Average																																																																																																																																																									

Note: The unwanted signal "1829.5 MHz" can be ignored since it falls within the non-restricted band and meet the requirements of 15.247 (d).



Mode	6																																																																																																																																																																																																									
	RFID LF																																																																																																																																																																																																									
	RFID_927.25MHz																																																																																																																																																																																																									
ANT	1																																																																																																																																																																																																									
Pol.	Horizontal	Vertical																																																																																																																																																																																																								
Peak QP	Level (dBuV/m) Date: 2026-07-09  Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>31.79</td><td>40.00</td><td>-8.21</td><td>29.72</td><td>23.23</td><td>0.73</td><td>31.88</td><td>0.08 -- -- Peak</td></tr><tr><td>2</td><td>57.16</td><td>28.22</td><td>40.00</td><td>-11.78</td><td>37.37</td><td>11.90</td><td>0.97</td><td>31.99</td><td>0.06 -- -- Peak</td></tr><tr><td>3</td><td>95.96</td><td>27.57</td><td>43.50</td><td>-15.93</td><td>32.84</td><td>15.61</td><td>1.30</td><td>32.00</td><td>0.02 -- -- Peak</td></tr><tr><td>4</td><td>736.16</td><td>34.28</td><td>46.00</td><td>-11.72</td><td>24.27</td><td>27.71</td><td>3.70</td><td>31.90</td><td>0.59 100 188 QP</td></tr><tr><td>5</td><td>857.41</td><td>38.47</td><td>46.00</td><td>-7.53</td><td>26.58</td><td>29.10</td><td>3.85</td><td>31.43</td><td>0.47 141 181 QP</td></tr><tr><td>6</td><td>927.25</td><td>129.12</td><td>-----</td><td>-----</td><td>115.99</td><td>29.59</td><td>4.12</td><td>30.93</td><td>0.44 117 181 QP</td></tr><tr><td>7</td><td>949.56</td><td>39.66</td><td>46.00</td><td>-6.34</td><td>25.11</td><td>30.80</td><td>4.14</td><td>30.71</td><td>0.40 115 180 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	31.79	40.00	-8.21	29.72	23.23	0.73	31.88	0.08 -- -- Peak	2	57.16	28.22	40.00	-11.78	37.37	11.90	0.97	31.99	0.06 -- -- Peak	3	95.96	27.57	43.50	-15.93	32.84	15.61	1.30	32.00	0.02 -- -- Peak	4	736.16	34.28	46.00	-11.72	24.27	27.71	3.70	31.90	0.59 100 188 QP	5	857.41	38.47	46.00	-7.53	26.58	29.10	3.85	31.43	0.47 141 181 QP	6	927.25	129.12	-----	-----	115.99	29.59	4.12	30.93	0.44 117 181 QP	7	949.56	39.66	46.00	-6.34	25.11	30.80	4.14	30.71	0.40 115 180 QP	Level (dBuV/m) Date: 2026-07-09  Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>33.45</td><td>40.00</td><td>-6.55</td><td>31.38</td><td>23.23</td><td>0.73</td><td>31.88</td><td>0.08 -- -- Peak</td></tr><tr><td>2</td><td>47.46</td><td>33.23</td><td>40.00</td><td>-6.77</td><td>38.78</td><td>15.67</td><td>0.94</td><td>32.06</td><td>0.03 -- -- Peak</td></tr><tr><td>3</td><td>90.14</td><td>31.62</td><td>43.50</td><td>-11.88</td><td>37.69</td><td>14.88</td><td>1.23</td><td>32.00</td><td>0.03 -- -- Peak</td></tr><tr><td>4</td><td>745.86</td><td>35.23</td><td>46.00</td><td>-10.77</td><td>24.94</td><td>27.98</td><td>3.73</td><td>31.89</td><td>0.56 119 185 QP</td></tr><tr><td>5</td><td>837.04</td><td>37.44</td><td>46.00</td><td>-8.56</td><td>26.16</td><td>28.61</td><td>3.81</td><td>31.54</td><td>0.49 108 287 QP</td></tr><tr><td>6</td><td>927.25</td><td>129.02</td><td>-----</td><td>-----</td><td>115.89</td><td>29.59</td><td>4.12</td><td>30.93</td><td>0.44 100 180 QP</td></tr><tr><td>7</td><td>955.38</td><td>39.79</td><td>46.00</td><td>-6.21</td><td>25.00</td><td>30.94</td><td>4.16</td><td>30.66</td><td>0.41 100 174 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	33.45	40.00	-6.55	31.38	23.23	0.73	31.88	0.08 -- -- Peak	2	47.46	33.23	40.00	-6.77	38.78	15.67	0.94	32.06	0.03 -- -- Peak	3	90.14	31.62	43.50	-11.88	37.69	14.88	1.23	32.00	0.03 -- -- Peak	4	745.86	35.23	46.00	-10.77	24.94	27.98	3.73	31.89	0.56 119 185 QP	5	837.04	37.44	46.00	-8.56	26.16	28.61	3.81	31.54	0.49 108 287 QP	6	927.25	129.02	-----	-----	115.89	29.59	4.12	30.93	0.44 100 180 QP	7	955.38	39.79	46.00	-6.21	25.00	30.94	4.16	30.66	0.41 100 174 QP
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	30.97	31.79	40.00	-8.21	29.72	23.23	0.73	31.88	0.08 -- -- Peak																																																																																																																																																																																																	
2	57.16	28.22	40.00	-11.78	37.37	11.90	0.97	31.99	0.06 -- -- Peak																																																																																																																																																																																																	
3	95.96	27.57	43.50	-15.93	32.84	15.61	1.30	32.00	0.02 -- -- Peak																																																																																																																																																																																																	
4	736.16	34.28	46.00	-11.72	24.27	27.71	3.70	31.90	0.59 100 188 QP																																																																																																																																																																																																	
5	857.41	38.47	46.00	-7.53	26.58	29.10	3.85	31.43	0.47 141 181 QP																																																																																																																																																																																																	
6	927.25	129.12	-----	-----	115.99	29.59	4.12	30.93	0.44 117 181 QP																																																																																																																																																																																																	
7	949.56	39.66	46.00	-6.34	25.11	30.80	4.14	30.71	0.40 115 180 QP																																																																																																																																																																																																	
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	30.97	33.45	40.00	-6.55	31.38	23.23	0.73	31.88	0.08 -- -- Peak																																																																																																																																																																																																	
2	47.46	33.23	40.00	-6.77	38.78	15.67	0.94	32.06	0.03 -- -- Peak																																																																																																																																																																																																	
3	90.14	31.62	43.50	-11.88	37.69	14.88	1.23	32.00	0.03 -- -- Peak																																																																																																																																																																																																	
4	745.86	35.23	46.00	-10.77	24.94	27.98	3.73	31.89	0.56 119 185 QP																																																																																																																																																																																																	
5	837.04	37.44	46.00	-8.56	26.16	28.61	3.81	31.54	0.49 108 287 QP																																																																																																																																																																																																	
6	927.25	129.02	-----	-----	115.89	29.59	4.12	30.93	0.44 100 180 QP																																																																																																																																																																																																	
7	955.38	39.79	46.00	-6.21	25.00	30.94	4.16	30.66	0.41 100 174 QP																																																																																																																																																																																																	



Mode	6																																																																																																																																																																																																								
	RFID Harmonic																																																																																																																																																																																																								
	RFID_927.25MHz																																																																																																																																																																																																								
ANT	1																																																																																																																																																																																																								
Pol.	Horizontal						Vertical																																																																																																																																																																																																		
Peak Avg	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1854.50</td><td>34.93</td><td>-----</td><td>69.60</td><td>25.25</td><td>6.82</td><td>67.19</td><td>0.45</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>2781.75</td><td>44.36</td><td>74.00</td><td>-29.64</td><td>74.50</td><td>28.20</td><td>8.25</td><td>66.81</td><td>0.22</td><td>400</td><td>147</td><td>Peak</td></tr><tr><td>3</td><td>2781.75</td><td>40.29</td><td>54.00</td><td>-13.71</td><td>70.43</td><td>28.20</td><td>8.25</td><td>66.81</td><td>0.22</td><td>400</td><td>147</td><td>Average</td></tr><tr><td>4</td><td>7418.00</td><td>48.27</td><td>74.00</td><td>-25.73</td><td>64.16</td><td>36.30</td><td>13.83</td><td>66.17</td><td>0.15</td><td>350</td><td>320</td><td>Peak</td></tr><tr><td>5</td><td>7418.00</td><td>44.76</td><td>54.00</td><td>-9.24</td><td>60.65</td><td>36.30</td><td>13.83</td><td>66.17</td><td>0.15</td><td>350</td><td>320</td><td>Average</td></tr></table> Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1854.50</td><td>34.21</td><td>-----</td><td>68.88</td><td>25.25</td><td>6.82</td><td>67.19</td><td>0.45</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>2781.75</td><td>44.63</td><td>74.00</td><td>-29.37</td><td>74.77</td><td>28.20</td><td>8.25</td><td>66.81</td><td>0.22</td><td>300</td><td>220</td><td>Peak</td></tr><tr><td>3</td><td>2781.75</td><td>40.28</td><td>54.00</td><td>-13.72</td><td>70.42</td><td>28.20</td><td>8.25</td><td>66.81</td><td>0.22</td><td>300</td><td>220</td><td>Average</td></tr><tr><td>4</td><td>7418.00</td><td>54.33</td><td>74.00</td><td>-19.67</td><td>70.22</td><td>36.30</td><td>13.83</td><td>66.17</td><td>0.15</td><td>300</td><td>303</td><td>Peak</td></tr><tr><td>5</td><td>7418.00</td><td>50.59</td><td>54.00</td><td>-3.41</td><td>66.48</td><td>36.30</td><td>13.83</td><td>66.17</td><td>0.15</td><td>300</td><td>303</td><td>Average</td></tr></table>												Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	1854.50	34.93	-----	69.60	25.25	6.82	67.19	0.45	--	--	Peak	2	2781.75	44.36	74.00	-29.64	74.50	28.20	8.25	66.81	0.22	400	147	Peak	3	2781.75	40.29	54.00	-13.71	70.43	28.20	8.25	66.81	0.22	400	147	Average	4	7418.00	48.27	74.00	-25.73	64.16	36.30	13.83	66.17	0.15	350	320	Peak	5	7418.00	44.76	54.00	-9.24	60.65	36.30	13.83	66.17	0.15	350	320	Average		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	1854.50	34.21	-----	68.88	25.25	6.82	67.19	0.45	--	--	Peak	2	2781.75	44.63	74.00	-29.37	74.77	28.20	8.25	66.81	0.22	300	220	Peak	3	2781.75	40.28	54.00	-13.72	70.42	28.20	8.25	66.81	0.22	300	220	Average	4	7418.00	54.33	74.00	-19.67	70.22	36.30	13.83	66.17	0.15	300	303	Peak	5	7418.00	50.59	54.00	-3.41	66.48	36.30	13.83	66.17	0.15	300	303	Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																															
1	1854.50	34.93	-----	69.60	25.25	6.82	67.19	0.45	--	--	Peak																																																																																																																																																																																														
2	2781.75	44.36	74.00	-29.64	74.50	28.20	8.25	66.81	0.22	400	147	Peak																																																																																																																																																																																													
3	2781.75	40.29	54.00	-13.71	70.43	28.20	8.25	66.81	0.22	400	147	Average																																																																																																																																																																																													
4	7418.00	48.27	74.00	-25.73	64.16	36.30	13.83	66.17	0.15	350	320	Peak																																																																																																																																																																																													
5	7418.00	44.76	54.00	-9.24	60.65	36.30	13.83	66.17	0.15	350	320	Average																																																																																																																																																																																													
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																															
1	1854.50	34.21	-----	68.88	25.25	6.82	67.19	0.45	--	--	Peak																																																																																																																																																																																														
2	2781.75	44.63	74.00	-29.37	74.77	28.20	8.25	66.81	0.22	300	220	Peak																																																																																																																																																																																													
3	2781.75	40.28	54.00	-13.72	70.42	28.20	8.25	66.81	0.22	300	220	Average																																																																																																																																																																																													
4	7418.00	54.33	74.00	-19.67	70.22	36.30	13.83	66.17	0.15	300	303	Peak																																																																																																																																																																																													
5	7418.00	50.59	54.00	-3.41	66.48	36.30	13.83	66.17	0.15	300	303	Average																																																																																																																																																																																													

Note: The unwanted signal "1854.5 MHz" can be ignored since it falls within the non-restricted band and meet the requirements of 15.247 (d).

Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Daniel Lee, Fu Chen, Troye Hsieh	Temperature :	19.1~21.9°C
		Relative Humidity :	50.1~66.9%

Sample 5 #3

Note symbol

-L	Low channel location
-R	High channel location

B2-1. Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	-	1	RFID	-	902.75MHz	-	-	-
Mode 2	-	1	RFID	-	914.75MHz	-	-	-
Mode 3	-	1	RFID	-	927.25MHz	-	-	-

B2-2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	RFID	-	806.97	40.99	46	-5.01	V	QP	Pass	-	LF
	RFID	-	2708.25	40.21	54	-13.79	V	Avg.	Pass	-	Harmonic
2	RFID	-	955.38	39.29	46	-6.71	V	QP	Pass	-	LF
	RFID	-	7318	50.83	54	-3.17	V	Avg.	Pass	-	Harmonic
3	RFID	-	959.26	41.21	46	-4.79	H	QP	Pass	-	LF
	RFID	-	7418	48.23	54	-5.77	V	Avg.	Pass	-	Harmonic



Mode	1																																																																																																																																																																																																								
	RFID LF																																																																																																																																																																																																								
	RFID_902.75MHz																																																																																																																																																																																																								
ANT	1																																																																																																																																																																																																								
Pol.	Horizontal	Vertical																																																																																																																																																																																																							
Peak QP	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>31.94</td><td>32.30</td><td>40.00</td><td>-7.70</td><td>30.88</td><td>22.62</td><td>0.74</td><td>31.90</td><td>0.06 -- -- Peak</td></tr><tr><td>2</td><td>56.19</td><td>28.56</td><td>40.00</td><td>-11.44</td><td>37.53</td><td>12.09</td><td>0.97</td><td>32.00</td><td>0.08 -- -- Peak</td></tr><tr><td>3</td><td>94.99</td><td>28.23</td><td>43.50</td><td>-15.27</td><td>33.67</td><td>15.45</td><td>1.29</td><td>32.00</td><td>0.02 -- -- Peak</td></tr><tr><td>4</td><td>493.66</td><td>35.38</td><td>46.00</td><td>-10.62</td><td>30.63</td><td>23.79</td><td>3.00</td><td>32.01</td><td>0.07 -- -- Peak</td></tr><tr><td>5</td><td>691.54</td><td>39.98</td><td>46.00</td><td>-6.02</td><td>31.39</td><td>26.43</td><td>3.57</td><td>31.97</td><td>0.66 -- -- Peak</td></tr><tr><td>6</td><td>902.75</td><td>128.22</td><td>-----</td><td>-----</td><td>115.90</td><td>29.02</td><td>4.09</td><td>31.16</td><td>0.48 122 179 QP</td></tr><tr><td>7</td><td>958.29</td><td>39.40</td><td>46.00</td><td>-6.60</td><td>24.53</td><td>30.96</td><td>4.17</td><td>30.63</td><td>0.42 105 181 QP</td></tr></table> Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>47.46</td><td>32.19</td><td>40.00</td><td>-7.81</td><td>37.74</td><td>15.67</td><td>0.94</td><td>32.06</td><td>0.03 -- -- Peak</td></tr><tr><td>2</td><td>56.19</td><td>32.12</td><td>40.00</td><td>-7.88</td><td>41.09</td><td>12.09</td><td>0.97</td><td>32.00</td><td>0.08 100 238 QP</td></tr><tr><td>3</td><td>94.02</td><td>31.33</td><td>43.50</td><td>-12.17</td><td>36.90</td><td>15.25</td><td>1.28</td><td>32.00</td><td>0.02 -- -- Peak</td></tr><tr><td>4</td><td>749.74</td><td>38.57</td><td>46.00</td><td>-7.43</td><td>28.15</td><td>28.10</td><td>3.74</td><td>31.88</td><td>0.55 121 214 QP</td></tr><tr><td>5</td><td>806.97</td><td>40.99</td><td>46.00</td><td>-5.01</td><td>30.63</td><td>27.79</td><td>3.82</td><td>31.69</td><td>0.52 120 179 QP</td></tr><tr><td>6</td><td>902.75</td><td>128.12</td><td>-----</td><td>-----</td><td>115.80</td><td>29.02</td><td>4.09</td><td>31.16</td><td>0.48 100 184 QP</td></tr><tr><td>7</td><td>957.32</td><td>39.67</td><td>46.00</td><td>-6.33</td><td>24.82</td><td>30.96</td><td>4.16</td><td>30.64</td><td>0.42 100 177 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	31.94	32.30	40.00	-7.70	30.88	22.62	0.74	31.90	0.06 -- -- Peak	2	56.19	28.56	40.00	-11.44	37.53	12.09	0.97	32.00	0.08 -- -- Peak	3	94.99	28.23	43.50	-15.27	33.67	15.45	1.29	32.00	0.02 -- -- Peak	4	493.66	35.38	46.00	-10.62	30.63	23.79	3.00	32.01	0.07 -- -- Peak	5	691.54	39.98	46.00	-6.02	31.39	26.43	3.57	31.97	0.66 -- -- Peak	6	902.75	128.22	-----	-----	115.90	29.02	4.09	31.16	0.48 122 179 QP	7	958.29	39.40	46.00	-6.60	24.53	30.96	4.17	30.63	0.42 105 181 QP		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	47.46	32.19	40.00	-7.81	37.74	15.67	0.94	32.06	0.03 -- -- Peak	2	56.19	32.12	40.00	-7.88	41.09	12.09	0.97	32.00	0.08 100 238 QP	3	94.02	31.33	43.50	-12.17	36.90	15.25	1.28	32.00	0.02 -- -- Peak	4	749.74	38.57	46.00	-7.43	28.15	28.10	3.74	31.88	0.55 121 214 QP	5	806.97	40.99	46.00	-5.01	30.63	27.79	3.82	31.69	0.52 120 179 QP	6	902.75	128.12	-----	-----	115.80	29.02	4.09	31.16	0.48 100 184 QP	7	957.32	39.67	46.00	-6.33	24.82	30.96	4.16	30.64	0.42 100 177 QP
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																	
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																
1	31.94	32.30	40.00	-7.70	30.88	22.62	0.74	31.90	0.06 -- -- Peak																																																																																																																																																																																																
2	56.19	28.56	40.00	-11.44	37.53	12.09	0.97	32.00	0.08 -- -- Peak																																																																																																																																																																																																
3	94.99	28.23	43.50	-15.27	33.67	15.45	1.29	32.00	0.02 -- -- Peak																																																																																																																																																																																																
4	493.66	35.38	46.00	-10.62	30.63	23.79	3.00	32.01	0.07 -- -- Peak																																																																																																																																																																																																
5	691.54	39.98	46.00	-6.02	31.39	26.43	3.57	31.97	0.66 -- -- Peak																																																																																																																																																																																																
6	902.75	128.22	-----	-----	115.90	29.02	4.09	31.16	0.48 122 179 QP																																																																																																																																																																																																
7	958.29	39.40	46.00	-6.60	24.53	30.96	4.17	30.63	0.42 105 181 QP																																																																																																																																																																																																
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																	
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																
1	47.46	32.19	40.00	-7.81	37.74	15.67	0.94	32.06	0.03 -- -- Peak																																																																																																																																																																																																
2	56.19	32.12	40.00	-7.88	41.09	12.09	0.97	32.00	0.08 100 238 QP																																																																																																																																																																																																
3	94.02	31.33	43.50	-12.17	36.90	15.25	1.28	32.00	0.02 -- -- Peak																																																																																																																																																																																																
4	749.74	38.57	46.00	-7.43	28.15	28.10	3.74	31.88	0.55 121 214 QP																																																																																																																																																																																																
5	806.97	40.99	46.00	-5.01	30.63	27.79	3.82	31.69	0.52 120 179 QP																																																																																																																																																																																																
6	902.75	128.12	-----	-----	115.80	29.02	4.09	31.16	0.48 100 184 QP																																																																																																																																																																																																
7	957.32	39.67	46.00	-6.33	24.82	30.96	4.16	30.64	0.42 100 177 QP																																																																																																																																																																																																



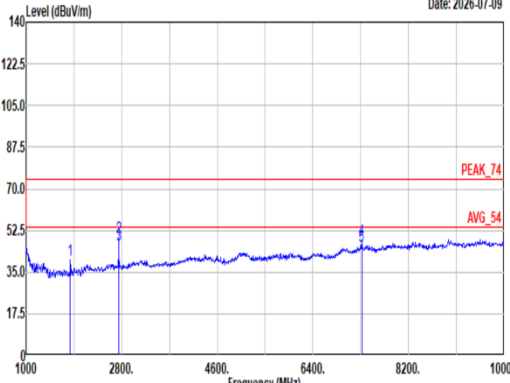
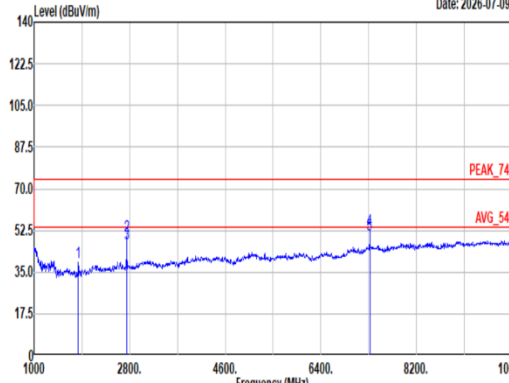
Mode	1																																																																																																																																																															
	RFID Harmonic																																																																																																																																																															
	RFID_902.75MHz																																																																																																																																																															
ANT	1																																																																																																																																																															
Pol.	Horizontal	Vertical																																																																																																																																																														
Peak Avg	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1805.50</td><td>39.61</td><td>-----</td><td>-----</td><td>74.62</td><td>25.00</td><td>6.65</td><td>67.18</td><td>0.52</td><td>100</td><td>213 Peak</td></tr><tr><td>2</td><td>2708.25</td><td>45.21</td><td>74.00</td><td>-28.79</td><td>75.54</td><td>28.20</td><td>8.14</td><td>66.90</td><td>0.23</td><td>356</td><td>154 Peak</td></tr><tr><td>3</td><td>2708.25</td><td>39.34</td><td>54.00</td><td>-14.66</td><td>69.67</td><td>28.20</td><td>8.14</td><td>66.90</td><td>0.23</td><td>356</td><td>154 Average</td></tr><tr><td>4</td><td>7222.00</td><td>49.08</td><td>-----</td><td>-----</td><td>64.39</td><td>36.79</td><td>13.76</td><td>66.03</td><td>0.17</td><td>305</td><td>327 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	1805.50	39.61	-----	-----	74.62	25.00	6.65	67.18	0.52	100	213 Peak	2	2708.25	45.21	74.00	-28.79	75.54	28.20	8.14	66.90	0.23	356	154 Peak	3	2708.25	39.34	54.00	-14.66	69.67	28.20	8.14	66.90	0.23	356	154 Average	4	7222.00	49.08	-----	-----	64.39	36.79	13.76	66.03	0.17	305	327 Peak	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1805.50</td><td>38.33</td><td>-----</td><td>-----</td><td>73.34</td><td>25.00</td><td>6.65</td><td>67.18</td><td>0.52</td><td>400</td><td>189 Peak</td></tr><tr><td>2</td><td>2708.25</td><td>46.03</td><td>74.00</td><td>-27.97</td><td>76.36</td><td>28.20</td><td>8.14</td><td>66.90</td><td>0.23</td><td>300</td><td>215 Peak</td></tr><tr><td>3</td><td>2708.25</td><td>40.21</td><td>54.00</td><td>-13.79</td><td>70.54</td><td>28.20</td><td>8.14</td><td>66.90</td><td>0.23</td><td>300</td><td>215 Average</td></tr><tr><td>4</td><td>7222.00</td><td>52.82</td><td>-----</td><td>-----</td><td>68.13</td><td>36.79</td><td>13.76</td><td>66.03</td><td>0.17</td><td>302</td><td>320 Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	1805.50	38.33	-----	-----	73.34	25.00	6.65	67.18	0.52	400	189 Peak	2	2708.25	46.03	74.00	-27.97	76.36	28.20	8.14	66.90	0.23	300	215 Peak	3	2708.25	40.21	54.00	-13.79	70.54	28.20	8.14	66.90	0.23	300	215 Average	4	7222.00	52.82	-----	-----	68.13	36.79	13.76	66.03	0.17	302	320 Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																						
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																								
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																						
1	1805.50	39.61	-----	-----	74.62	25.00	6.65	67.18	0.52	100	213 Peak																																																																																																																																																					
2	2708.25	45.21	74.00	-28.79	75.54	28.20	8.14	66.90	0.23	356	154 Peak																																																																																																																																																					
3	2708.25	39.34	54.00	-14.66	69.67	28.20	8.14	66.90	0.23	356	154 Average																																																																																																																																																					
4	7222.00	49.08	-----	-----	64.39	36.79	13.76	66.03	0.17	305	327 Peak																																																																																																																																																					
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																							
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																								
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																						
1	1805.50	38.33	-----	-----	73.34	25.00	6.65	67.18	0.52	400	189 Peak																																																																																																																																																					
2	2708.25	46.03	74.00	-27.97	76.36	28.20	8.14	66.90	0.23	300	215 Peak																																																																																																																																																					
3	2708.25	40.21	54.00	-13.79	70.54	28.20	8.14	66.90	0.23	300	215 Average																																																																																																																																																					
4	7222.00	52.82	-----	-----	68.13	36.79	13.76	66.03	0.17	302	320 Peak																																																																																																																																																					

Note: The unwanted signal "1805.5,7222 MHz" can be ignored since it falls within the non-restricted band and meet the requirements of 15.247 (d).



Mode	2																																																																																																																																																																																																																							
	RFID LF																																																																																																																																																																																																																							
	RFID_914.75MHz																																																																																																																																																																																																																							
ANT	1																																																																																																																																																																																																																							
Pol.	Horizontal	Vertical																																																																																																																																																																																																																						
Peak QP	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>31.24</td><td>40.00</td><td>-8.76</td><td>29.17</td><td>23.23</td><td>0.73</td><td>31.88</td><td>0.08</td><td>-- -- Peak</td></tr><tr><td>2</td><td>56.19</td><td>29.33</td><td>40.00</td><td>-10.67</td><td>38.30</td><td>12.09</td><td>0.97</td><td>32.00</td><td>0.08</td><td>-- -- Peak</td></tr><tr><td>3</td><td>94.99</td><td>28.84</td><td>43.50</td><td>-14.66</td><td>34.28</td><td>15.45</td><td>1.29</td><td>32.00</td><td>0.02</td><td>-- -- Peak</td></tr><tr><td>4</td><td>498.51</td><td>35.52</td><td>46.00</td><td>-10.48</td><td>30.69</td><td>23.86</td><td>3.02</td><td>32.02</td><td>0.07</td><td>-- -- Peak</td></tr><tr><td>5</td><td>749.74</td><td>34.74</td><td>46.00</td><td>-11.26</td><td>24.32</td><td>28.10</td><td>3.74</td><td>31.88</td><td>0.55</td><td>100 179 QP</td></tr><tr><td>6</td><td>914.75</td><td>128.58</td><td>-----</td><td>-----</td><td>115.91</td><td>29.26</td><td>4.10</td><td>31.05</td><td>0.46</td><td>118 179 QP</td></tr><tr><td>7</td><td>940.83</td><td>38.94</td><td>46.00</td><td>-7.06</td><td>24.98</td><td>30.31</td><td>4.13</td><td>30.80</td><td>0.41</td><td>117 183 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	31.24	40.00	-8.76	29.17	23.23	0.73	31.88	0.08	-- -- Peak	2	56.19	29.33	40.00	-10.67	38.30	12.09	0.97	32.00	0.08	-- -- Peak	3	94.99	28.84	43.50	-14.66	34.28	15.45	1.29	32.00	0.02	-- -- Peak	4	498.51	35.52	46.00	-10.48	30.69	23.86	3.02	32.02	0.07	-- -- Peak	5	749.74	34.74	46.00	-11.26	24.32	28.10	3.74	31.88	0.55	100 179 QP	6	914.75	128.58	-----	-----	115.91	29.26	4.10	31.05	0.46	118 179 QP	7	940.83	38.94	46.00	-7.06	24.98	30.31	4.13	30.80	0.41	117 183 QP	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>46.49</td><td>32.31</td><td>40.00</td><td>-7.69</td><td>37.39</td><td>16.17</td><td>0.92</td><td>32.06</td><td>0.02</td><td>-- -- Peak</td></tr><tr><td>2</td><td>56.19</td><td>33.16</td><td>40.00</td><td>-6.84</td><td>42.13</td><td>12.09</td><td>0.97</td><td>32.00</td><td>0.08</td><td>-- -- Peak</td></tr><tr><td>3</td><td>94.02</td><td>32.01</td><td>43.50</td><td>-11.49</td><td>37.66</td><td>15.25</td><td>1.28</td><td>32.00</td><td>0.02</td><td>-- -- Peak</td></tr><tr><td>4</td><td>504.33</td><td>35.05</td><td>46.00</td><td>-10.95</td><td>30.03</td><td>24.03</td><td>3.03</td><td>32.02</td><td>0.08</td><td>-- -- Peak</td></tr><tr><td>5</td><td>748.77</td><td>39.00</td><td>46.00</td><td>-7.00</td><td>28.59</td><td>28.09</td><td>3.74</td><td>31.88</td><td>0.55</td><td>124 179 QP</td></tr><tr><td>6</td><td>914.75</td><td>128.48</td><td>-----</td><td>-----</td><td>115.81</td><td>29.26</td><td>4.10</td><td>31.05</td><td>0.46</td><td>100 180 QP</td></tr><tr><td>7</td><td>955.38</td><td>39.29</td><td>46.00</td><td>-6.71</td><td>24.50</td><td>30.94</td><td>4.16</td><td>30.66</td><td>0.41</td><td>100 172 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	46.49	32.31	40.00	-7.69	37.39	16.17	0.92	32.06	0.02	-- -- Peak	2	56.19	33.16	40.00	-6.84	42.13	12.09	0.97	32.00	0.08	-- -- Peak	3	94.02	32.01	43.50	-11.49	37.66	15.25	1.28	32.00	0.02	-- -- Peak	4	504.33	35.05	46.00	-10.95	30.03	24.03	3.03	32.02	0.08	-- -- Peak	5	748.77	39.00	46.00	-7.00	28.59	28.09	3.74	31.88	0.55	124 179 QP	6	914.75	128.48	-----	-----	115.81	29.26	4.10	31.05	0.46	100 180 QP	7	955.38	39.29	46.00	-6.71	24.50	30.94	4.16	30.66	0.41	100 172 QP
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																														
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																															
1	30.97	31.24	40.00	-8.76	29.17	23.23	0.73	31.88	0.08	-- -- Peak																																																																																																																																																																																																														
2	56.19	29.33	40.00	-10.67	38.30	12.09	0.97	32.00	0.08	-- -- Peak																																																																																																																																																																																																														
3	94.99	28.84	43.50	-14.66	34.28	15.45	1.29	32.00	0.02	-- -- Peak																																																																																																																																																																																																														
4	498.51	35.52	46.00	-10.48	30.69	23.86	3.02	32.02	0.07	-- -- Peak																																																																																																																																																																																																														
5	749.74	34.74	46.00	-11.26	24.32	28.10	3.74	31.88	0.55	100 179 QP																																																																																																																																																																																																														
6	914.75	128.58	-----	-----	115.91	29.26	4.10	31.05	0.46	118 179 QP																																																																																																																																																																																																														
7	940.83	38.94	46.00	-7.06	24.98	30.31	4.13	30.80	0.41	117 183 QP																																																																																																																																																																																																														
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																															
1	46.49	32.31	40.00	-7.69	37.39	16.17	0.92	32.06	0.02	-- -- Peak																																																																																																																																																																																																														
2	56.19	33.16	40.00	-6.84	42.13	12.09	0.97	32.00	0.08	-- -- Peak																																																																																																																																																																																																														
3	94.02	32.01	43.50	-11.49	37.66	15.25	1.28	32.00	0.02	-- -- Peak																																																																																																																																																																																																														
4	504.33	35.05	46.00	-10.95	30.03	24.03	3.03	32.02	0.08	-- -- Peak																																																																																																																																																																																																														
5	748.77	39.00	46.00	-7.00	28.59	28.09	3.74	31.88	0.55	124 179 QP																																																																																																																																																																																																														
6	914.75	128.48	-----	-----	115.81	29.26	4.10	31.05	0.46	100 180 QP																																																																																																																																																																																																														
7	955.38	39.29	46.00	-6.71	24.50	30.94	4.16	30.66	0.41	100 172 QP																																																																																																																																																																																																														



Mode	2																																																																																																																																																																	
	RFID Harmonic																																																																																																																																																																	
	RFID_914.75MHz																																																																																																																																																																	
ANT	1																																																																																																																																																																	
Pol.	Horizontal	Vertical																																																																																																																																																																
Peak Avg	Level (dBuV/m) Date: 2026-07-09  Site : 03CH11-HY Condition: PEAK_74 3m 91200_01620_250915 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1829.50</td><td>40.13</td><td>-----</td><td>-----</td><td>75.00</td><td>25.09</td><td>6.73</td><td>67.18</td><td>0.49</td><td>200 203 Peak</td></tr><tr><td>2 2744.25</td><td>49.40</td><td>74.00</td><td>-24.60</td><td>79.72</td><td>28.10</td><td>8.20</td><td>66.85</td><td>0.23</td><td>350 157 Peak</td></tr><tr><td>3 2744.25</td><td>46.68</td><td>54.00</td><td>-7.32</td><td>77.00</td><td>28.10</td><td>8.20</td><td>66.85</td><td>0.23</td><td>350 157 Average</td></tr><tr><td>4 7318.00</td><td>48.64</td><td>74.00</td><td>-25.36</td><td>63.97</td><td>36.83</td><td>13.78</td><td>66.10</td><td>0.16</td><td>350 315 Peak</td></tr><tr><td>5 7318.00</td><td>46.13</td><td>54.00</td><td>-7.87</td><td>61.46</td><td>36.83</td><td>13.78</td><td>66.10</td><td>0.16</td><td>350 315 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1829.50	40.13	-----	-----	75.00	25.09	6.73	67.18	0.49	200 203 Peak	2 2744.25	49.40	74.00	-24.60	79.72	28.10	8.20	66.85	0.23	350 157 Peak	3 2744.25	46.68	54.00	-7.32	77.00	28.10	8.20	66.85	0.23	350 157 Average	4 7318.00	48.64	74.00	-25.36	63.97	36.83	13.78	66.10	0.16	350 315 Peak	5 7318.00	46.13	54.00	-7.87	61.46	36.83	13.78	66.10	0.16	350 315 Average	Level (dBuV/m) Date: 2026-07-09  Site : 03CH11-HY Condition: PEAK_74 3m 91200_01620_250915 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1829.50</td><td>38.92</td><td>-----</td><td>-----</td><td>73.79</td><td>25.09</td><td>6.73</td><td>67.18</td><td>0.49</td><td>300 161 Peak</td></tr><tr><td>2 2744.25</td><td>50.28</td><td>74.00</td><td>-23.72</td><td>80.60</td><td>28.10</td><td>8.20</td><td>66.85</td><td>0.23</td><td>300 217 Peak</td></tr><tr><td>3 2744.25</td><td>47.21</td><td>54.00</td><td>-6.79</td><td>77.53</td><td>28.10</td><td>8.20</td><td>66.85</td><td>0.23</td><td>300 217 Average</td></tr><tr><td>4 7318.00</td><td>52.81</td><td>74.00</td><td>-21.19</td><td>68.14</td><td>36.83</td><td>13.78</td><td>66.10</td><td>0.16</td><td>300 308 Peak</td></tr><tr><td>5 7318.00</td><td>50.83</td><td>54.00</td><td>-3.17</td><td>66.16</td><td>36.83</td><td>13.78</td><td>66.10</td><td>0.16</td><td>300 308 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1829.50	38.92	-----	-----	73.79	25.09	6.73	67.18	0.49	300 161 Peak	2 2744.25	50.28	74.00	-23.72	80.60	28.10	8.20	66.85	0.23	300 217 Peak	3 2744.25	47.21	54.00	-6.79	77.53	28.10	8.20	66.85	0.23	300 217 Average	4 7318.00	52.81	74.00	-21.19	68.14	36.83	13.78	66.10	0.16	300 308 Peak	5 7318.00	50.83	54.00	-3.17	66.16	36.83	13.78	66.10	0.16	300 308 Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																										
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																									
1 1829.50	40.13	-----	-----	75.00	25.09	6.73	67.18	0.49	200 203 Peak																																																																																																																																																									
2 2744.25	49.40	74.00	-24.60	79.72	28.10	8.20	66.85	0.23	350 157 Peak																																																																																																																																																									
3 2744.25	46.68	54.00	-7.32	77.00	28.10	8.20	66.85	0.23	350 157 Average																																																																																																																																																									
4 7318.00	48.64	74.00	-25.36	63.97	36.83	13.78	66.10	0.16	350 315 Peak																																																																																																																																																									
5 7318.00	46.13	54.00	-7.87	61.46	36.83	13.78	66.10	0.16	350 315 Average																																																																																																																																																									
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																										
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																									
1 1829.50	38.92	-----	-----	73.79	25.09	6.73	67.18	0.49	300 161 Peak																																																																																																																																																									
2 2744.25	50.28	74.00	-23.72	80.60	28.10	8.20	66.85	0.23	300 217 Peak																																																																																																																																																									
3 2744.25	47.21	54.00	-6.79	77.53	28.10	8.20	66.85	0.23	300 217 Average																																																																																																																																																									
4 7318.00	52.81	74.00	-21.19	68.14	36.83	13.78	66.10	0.16	300 308 Peak																																																																																																																																																									
5 7318.00	50.83	54.00	-3.17	66.16	36.83	13.78	66.10	0.16	300 308 Average																																																																																																																																																									

Note: The unwanted signal "1829.5 MHz" can be ignored since it falls within the non-restricted band and meet the requirements of 15.247 (d).



Mode	3																																																																																																																																																																																																									
	RFID LF																																																																																																																																																																																																									
	RFID_927.25MHz																																																																																																																																																																																																									
ANT	1																																																																																																																																																																																																									
Pol.	Horizontal	Vertical																																																																																																																																																																																																								
Peak QP	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>35.82</td><td>33.92</td><td>40.00</td><td>-6.08</td><td>33.76</td><td>21.46</td><td>0.78</td><td>31.98</td><td>0.02 -- -- Peak</td></tr><tr><td>2</td><td>56.19</td><td>33.89</td><td>40.00</td><td>-6.11</td><td>42.86</td><td>12.09</td><td>0.97</td><td>32.00</td><td>0.08 -- -- Peak</td></tr><tr><td>3</td><td>103.72</td><td>30.90</td><td>43.50</td><td>-12.60</td><td>35.41</td><td>16.31</td><td>1.37</td><td>32.09</td><td>0.03 -- -- Peak</td></tr><tr><td>4</td><td>691.54</td><td>39.47</td><td>46.00</td><td>-6.53</td><td>30.88</td><td>26.43</td><td>3.57</td><td>31.97</td><td>0.66 100 190 QP</td></tr><tr><td>5</td><td>879.72</td><td>35.81</td><td>46.00</td><td>-10.19</td><td>23.73</td><td>29.03</td><td>3.98</td><td>31.30</td><td>0.48 100 189 QP</td></tr><tr><td>6</td><td>927.25</td><td>129.02</td><td>-----</td><td>-----</td><td>115.09</td><td>29.59</td><td>4.12</td><td>30.93</td><td>0.44 120 174 QP</td></tr><tr><td>7</td><td>959.26</td><td>41.21</td><td>46.00</td><td>-4.79</td><td>26.29</td><td>30.99</td><td>4.17</td><td>30.62</td><td>0.42 108 175 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	35.82	33.92	40.00	-6.08	33.76	21.46	0.78	31.98	0.02 -- -- Peak	2	56.19	33.89	40.00	-6.11	42.86	12.09	0.97	32.00	0.08 -- -- Peak	3	103.72	30.90	43.50	-12.60	35.41	16.31	1.37	32.09	0.03 -- -- Peak	4	691.54	39.47	46.00	-6.53	30.88	26.43	3.57	31.97	0.66 100 190 QP	5	879.72	35.81	46.00	-10.19	23.73	29.03	3.98	31.30	0.48 100 189 QP	6	927.25	129.02	-----	-----	115.09	29.59	4.12	30.93	0.44 120 174 QP	7	959.26	41.21	46.00	-4.79	26.29	30.99	4.17	30.62	0.42 108 175 QP	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: QP 3m Bilog_66925 & 24006_260412 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>47.46</td><td>33.21</td><td>40.00</td><td>-6.79</td><td>38.76</td><td>15.67</td><td>0.94</td><td>32.06</td><td>0.03 -- -- Peak</td></tr><tr><td>2</td><td>56.19</td><td>34.14</td><td>40.00</td><td>-5.86</td><td>43.11</td><td>12.09</td><td>0.97</td><td>32.00</td><td>0.08 100 238 QP</td></tr><tr><td>3</td><td>96.93</td><td>31.03</td><td>43.50</td><td>-12.47</td><td>36.15</td><td>15.75</td><td>1.31</td><td>32.08</td><td>0.02 -- -- Peak</td></tr><tr><td>4</td><td>634.31</td><td>38.94</td><td>46.00</td><td>-7.06</td><td>30.62</td><td>26.56</td><td>3.42</td><td>32.07</td><td>0.50 -- -- Peak</td></tr><tr><td>5</td><td>890.39</td><td>40.09</td><td>46.00</td><td>-5.91</td><td>27.88</td><td>29.04</td><td>4.04</td><td>31.24</td><td>0.48 109 177 QP</td></tr><tr><td>6</td><td>927.25</td><td>128.92</td><td>-----</td><td>-----</td><td>115.79</td><td>29.59</td><td>4.12</td><td>30.93</td><td>0.44 100 175 QP</td></tr><tr><td>7</td><td>952.47</td><td>39.40</td><td>46.00</td><td>-6.60</td><td>24.88</td><td>30.72</td><td>4.15</td><td>30.69</td><td>0.41 100 171 QP</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	47.46	33.21	40.00	-6.79	38.76	15.67	0.94	32.06	0.03 -- -- Peak	2	56.19	34.14	40.00	-5.86	43.11	12.09	0.97	32.00	0.08 100 238 QP	3	96.93	31.03	43.50	-12.47	36.15	15.75	1.31	32.08	0.02 -- -- Peak	4	634.31	38.94	46.00	-7.06	30.62	26.56	3.42	32.07	0.50 -- -- Peak	5	890.39	40.09	46.00	-5.91	27.88	29.04	4.04	31.24	0.48 109 177 QP	6	927.25	128.92	-----	-----	115.79	29.59	4.12	30.93	0.44 100 175 QP	7	952.47	39.40	46.00	-6.60	24.88	30.72	4.15	30.69	0.41 100 171 QP
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	35.82	33.92	40.00	-6.08	33.76	21.46	0.78	31.98	0.02 -- -- Peak																																																																																																																																																																																																	
2	56.19	33.89	40.00	-6.11	42.86	12.09	0.97	32.00	0.08 -- -- Peak																																																																																																																																																																																																	
3	103.72	30.90	43.50	-12.60	35.41	16.31	1.37	32.09	0.03 -- -- Peak																																																																																																																																																																																																	
4	691.54	39.47	46.00	-6.53	30.88	26.43	3.57	31.97	0.66 100 190 QP																																																																																																																																																																																																	
5	879.72	35.81	46.00	-10.19	23.73	29.03	3.98	31.30	0.48 100 189 QP																																																																																																																																																																																																	
6	927.25	129.02	-----	-----	115.09	29.59	4.12	30.93	0.44 120 174 QP																																																																																																																																																																																																	
7	959.26	41.21	46.00	-4.79	26.29	30.99	4.17	30.62	0.42 108 175 QP																																																																																																																																																																																																	
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	47.46	33.21	40.00	-6.79	38.76	15.67	0.94	32.06	0.03 -- -- Peak																																																																																																																																																																																																	
2	56.19	34.14	40.00	-5.86	43.11	12.09	0.97	32.00	0.08 100 238 QP																																																																																																																																																																																																	
3	96.93	31.03	43.50	-12.47	36.15	15.75	1.31	32.08	0.02 -- -- Peak																																																																																																																																																																																																	
4	634.31	38.94	46.00	-7.06	30.62	26.56	3.42	32.07	0.50 -- -- Peak																																																																																																																																																																																																	
5	890.39	40.09	46.00	-5.91	27.88	29.04	4.04	31.24	0.48 109 177 QP																																																																																																																																																																																																	
6	927.25	128.92	-----	-----	115.79	29.59	4.12	30.93	0.44 100 175 QP																																																																																																																																																																																																	
7	952.47	39.40	46.00	-6.60	24.88	30.72	4.15	30.69	0.41 100 171 QP																																																																																																																																																																																																	



Mode	3																																																																																																																																																																	
	RFID Harmonic																																																																																																																																																																	
	RFID_927.25MHz																																																																																																																																																																	
ANT	1																																																																																																																																																																	
Pol.	Horizontal	Vertical																																																																																																																																																																
Peak Avg	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1854.50</td><td>37.23</td><td>-----</td><td>-----</td><td>71.90</td><td>25.25</td><td>6.82</td><td>67.19</td><td>0.45</td><td>321 215 Peak</td></tr><tr><td>2 2781.75</td><td>42.33</td><td>74.00</td><td>-31.67</td><td>72.47</td><td>28.20</td><td>8.25</td><td>66.81</td><td>0.22</td><td>400 145 Peak</td></tr><tr><td>3 2781.75</td><td>40.95</td><td>54.00</td><td>-13.05</td><td>71.09</td><td>28.20</td><td>8.25</td><td>66.81</td><td>0.22</td><td>400 145 Average</td></tr><tr><td>4 7418.00</td><td>47.29</td><td>74.00</td><td>-26.71</td><td>63.18</td><td>36.30</td><td>13.83</td><td>66.17</td><td>0.15</td><td>350 311 Peak</td></tr><tr><td>5 7418.00</td><td>46.13</td><td>54.00</td><td>-7.87</td><td>62.02</td><td>36.30</td><td>13.83</td><td>66.17</td><td>0.15</td><td>350 311 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1854.50	37.23	-----	-----	71.90	25.25	6.82	67.19	0.45	321 215 Peak	2 2781.75	42.33	74.00	-31.67	72.47	28.20	8.25	66.81	0.22	400 145 Peak	3 2781.75	40.95	54.00	-13.05	71.09	28.20	8.25	66.81	0.22	400 145 Average	4 7418.00	47.29	74.00	-26.71	63.18	36.30	13.83	66.17	0.15	350 311 Peak	5 7418.00	46.13	54.00	-7.87	62.02	36.30	13.83	66.17	0.15	350 311 Average	Level (dBuV/m) Date: 2026-07-09 Site : 03CH11-HY Condition: PEAK_74 3m 91280_01620_250915 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1854.50</td><td>33.36</td><td>-----</td><td>-----</td><td>68.03</td><td>25.25</td><td>6.82</td><td>67.19</td><td>0.45</td><td>-- -- Peak</td></tr><tr><td>2 2781.75</td><td>44.59</td><td>74.00</td><td>-29.41</td><td>74.73</td><td>28.20</td><td>8.25</td><td>66.81</td><td>0.22</td><td>300 222 Peak</td></tr><tr><td>3 2781.75</td><td>41.12</td><td>54.00</td><td>-12.88</td><td>71.26</td><td>28.20</td><td>8.25</td><td>66.81</td><td>0.22</td><td>300 222 Average</td></tr><tr><td>4 7418.00</td><td>50.62</td><td>74.00</td><td>-23.38</td><td>66.51</td><td>36.30</td><td>13.83</td><td>66.17</td><td>0.15</td><td>344 312 Peak</td></tr><tr><td>5 7418.00</td><td>48.23</td><td>54.00</td><td>-5.77</td><td>64.12</td><td>36.30</td><td>13.83</td><td>66.17</td><td>0.15</td><td>344 312 Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1854.50	33.36	-----	-----	68.03	25.25	6.82	67.19	0.45	-- -- Peak	2 2781.75	44.59	74.00	-29.41	74.73	28.20	8.25	66.81	0.22	300 222 Peak	3 2781.75	41.12	54.00	-12.88	71.26	28.20	8.25	66.81	0.22	300 222 Average	4 7418.00	50.62	74.00	-23.38	66.51	36.30	13.83	66.17	0.15	344 312 Peak	5 7418.00	48.23	54.00	-5.77	64.12	36.30	13.83	66.17	0.15	344 312 Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																										
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																									
1 1854.50	37.23	-----	-----	71.90	25.25	6.82	67.19	0.45	321 215 Peak																																																																																																																																																									
2 2781.75	42.33	74.00	-31.67	72.47	28.20	8.25	66.81	0.22	400 145 Peak																																																																																																																																																									
3 2781.75	40.95	54.00	-13.05	71.09	28.20	8.25	66.81	0.22	400 145 Average																																																																																																																																																									
4 7418.00	47.29	74.00	-26.71	63.18	36.30	13.83	66.17	0.15	350 311 Peak																																																																																																																																																									
5 7418.00	46.13	54.00	-7.87	62.02	36.30	13.83	66.17	0.15	350 311 Average																																																																																																																																																									
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																										
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																									
1 1854.50	33.36	-----	-----	68.03	25.25	6.82	67.19	0.45	-- -- Peak																																																																																																																																																									
2 2781.75	44.59	74.00	-29.41	74.73	28.20	8.25	66.81	0.22	300 222 Peak																																																																																																																																																									
3 2781.75	41.12	54.00	-12.88	71.26	28.20	8.25	66.81	0.22	300 222 Average																																																																																																																																																									
4 7418.00	50.62	74.00	-23.38	66.51	36.30	13.83	66.17	0.15	344 312 Peak																																																																																																																																																									
5 7418.00	48.23	54.00	-5.77	64.12	36.30	13.83	66.17	0.15	344 312 Average																																																																																																																																																									

Note: The unwanted signal "1854.5 MHz" can be ignored since it falls within the non-restricted band and meet the requirements of 15.247 (d).



Appendix C. Duty Cycle Plots

Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
RFID (Sample 1)	100.00	-	-	10Hz
RFID (Sample 5)	100.00	-	-	10Hz

